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# ANNUAL SUMMARY

OF

BIRTHS, DEATHS, AND CAUSES OF DEATH

IN

LONDON

AND OTHER LARGE TOWNS,

1898.

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PUBLISHED BY THE AUTHORITY OF THE REGISTRAR-GENERAL OF  
BIRTHS, DEATHS, AND MARRIAGES IN ENGLAND.

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## REGISTRATION LONDON.\*

**AREA.**—The Area of Registration London is 77,389 acres, or 121 square miles, including 2717 acres of tidal water and foreshore; this is equal to 31,319 hectares, or 313 square kilometres. The area of London being 121 square miles is equal to a square of 11 miles to the side. Up to the end of 1882 the total length of streets and roads in the County of London exceeded 1600 miles; from 1882 to the end of 1898 the further construction of 252 miles of new streets has been sanctioned.

**ELEVATION.**—The population of London resides at a mean elevation of 60 feet (18·2 metres) above approximate mean water at Liverpool; the elevation varying from 1 foot (0·3 metre) in Plumstead Marshes to 441 feet (134·4 metres) at Hampstead, above approximate mean water at Liverpool.

**HOUSES.**—At the Census in 1891 there were within this area 544,977 inhabited houses, containing an average of 7·7 persons to a house, a slightly lower proportion than in 1871 and 1881.

**ANNUAL RATABLE VALUE.**—The Annual Ratable Value of Property within Registration London in 1891, as assessed in accordance with the Valuation (Metropolis) Act, 1869, was 32,932,967 $\frac{1}{2}$ † (For Annual Ratable Value of Greater London in 1891, see Table 9.)

**DENSITY (1898).**—149 persons to a hectare; 60·3 to an acre; 38,610 to a square mile. (In these calculations no account is taken of tidal water and foreshore.)

AVERAGE ANNUAL RATE OF INCREASE OF POPULATION	{	1861-71 -	1·015223
	{	1871-81 -	1·016141
	{	1881-91 -	1·009928
	{	1891-96 -	1·009320

### 1898.

POPULATION	...	...	{	Males	...	2,129,250	}	PERSONS...	4,504,766
(Estimated to the middle of the year.)				Females...		2,375,516			
MARRIAGES	...	...		...	...	...		...	42,016
PERSONS MARRIED	...	...		...	...	...		...	84,032
ANNUAL RATE OF PERSONS MARRIED PER 1000 OF THE POPULATION									18.7
BIRTHS	...	...	{	Males	...	67,212	}	PERSONS...	132,432
				Females	...	65,220			
ANNUAL RATE OF BIRTHS PER 1000 OF THE POPULATION									29.5
DEATHS	...	...	{	Males	...	43,366	}	PERSONS...	83,936
				Females	...	40,570			
ANNUAL RATE OF MOR-	{		Males	...	20.4	{	PERSONS...	18.7	
TALITY PER 1000	...		Females	...	17.1				
EXCESS OF REGISTERED BIRTHS OVER DEATHS									48,496
ESTIMATED INCREASE OF POPULATION DURING THE YEAR									41,791

\* Registration London is co-extensive with the Administrative County of London except that the hamlet or civil parish of Penge is excluded from Registration London, although forming part of the County of London. The facts concerning new streets and roads were supplied by the Clerk to the London County Council.

† This information is derived from a return of the Gross and Ratable Value of Property in the Metropolis issued by the London County Council.



# ANNUAL SUMMARY.

## LONDON

### AND OTHER LARGE TOWNS.

1898.

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#### The 33 Great Towns.

The estimated population of the thirty-three great towns of England and Wales in the middle of the year 1898 was 11,218,378. The births registered in the course of the 52 weeks ending 31st December 1898 numbered 339,350, and were in the proportion of 30·3 per 1000 of the estimated population. The deaths registered within the same period were 212,848 in number, and corresponded to a rate of 19·0 per 1000 of the population; this rate was 1·4 per 1000 below the mean rate for the thirty-three great towns in the preceding ten years, and with two exceptions was below the rate recorded in any one of these years.

The general death-rates in 1898, calculated without reference either to sex or to age, varied considerably in the thirty-three great towns, ranging from 13·9 in Croydon to 24·0 in Liverpool. It has been pointed out, however, in previous Annual Summaries that, in consequence of the great difference between one town and another with respect to the age and sex constitution of their several populations, these recorded rates require correction before they can be justly used for purposes of comparison. In Table A of the present Summary factors are given by the use of which this correction can be made with approximate accuracy for each town. Applying these factors we have the corrected rates, which are given in the fourth column of that table. In the fifth column the death-rate for all England and Wales has been taken as 1000, and the corrected rate in each town has been reduced to a figure comparable with that number taken as a standard. This column may be read as follows:—After making approximate correction for differences of age and sex constitution, the same number of lives that in the year 1898 gave 1000 deaths in England and Wales as a whole, gave 1171 deaths in the thirty-three great towns, 824 in Croydon, 941 in Cardiff, 945 in West Ham, &c., also 1411 in Manchester, 1452 in Salford, and 1498 in Liverpool.

TABLE A.—RECORDED and CORRECTED DEATH-RATES per 1,000 Persons living in 33 Great Towns in 1898.

TOWNS, in the order of their Corrected Death-rates.			Standard Death-rate.*	Factor for Correction for Sex and Age Dis- tribution.†	Recorded Death-rate, 1898.	Corrected Death-rate, 1898.‡	Comparative Mortality Figure, 1898.§
Cols.			1.	2.	3.	4.	5.
England and Wales ...			19·15	1·0000	17·58	17·58	1,000
England and Wales, less the 33 Towns.			19·45	0·9845	16·78	16·52	940
33 Towns ...			17·71	1·0813	19·03	20·58	1,171
Croydon ...	...	...	18·37	1·0424	13·89	14·48	824
Cardiff ...	...	...	17·16	1·1159	14·82	16·54	941
West Ham ...	...	...	17·75	1·0788	15·41	16·62	945
Portsmouth ...	...	...	18·73	1·0224	16·30	16·67	948
Brighton ...	...	...	18·94	1·0110	16·91	17·10	973
Bristol ...	...	...	18·33	1·0379	17·20	17·85	1,015
Norwich ...	...	...	19·99	0·9579	18·96	18·16	1,033
Leicester ...	...	...	17·64	1·0855	16·93	18·38	1,046
Huddersfield ...	...	...	16·47	1·1627	15·92	18·51	1,053
Derby ...	...	...	17·36	1·1031	16·82	18·55	1,055
Burnley ...	...	...	16·67	1·1487	16·30	18·72	1,065
Plymouth ...	...	...	19·70	0·9720	19·54	18·99	1,080
Nottingham ...	...	...	17·81	1·0752	17·67	19·00	1,081
Birkenhead ...	...	...	17·42	1·0993	17·44	19·17	1,090
Hull ...	...	...	18·23	1·0504	18·36	19·29	1,097
Halifax ...	...	...	17·20	1·1133	17·87	19·89	1,131
London ...	...	...	17·97	1·0656	18·68	19·91	1,133
Oldham ...	...	...	16·72	1·1453	17·58	20·13	1,145
Bradford ...	...	...	16·73	1·1446	17·60	20·14	1,146
Swansea ...	...	...	17·53	1·0924	18·57	20·29	1,154
Blackburn ...	...	...	17·05	1·1231	18·45	20·72	1,179
Preston ...	...	...	17·42	1·0993	19·35	21·27	1,210
Leeds ...	...	...	17·28	1·1082	19·21	21·29	1,211
Bolton ...	...	...	16·90	1·1331	19·38	21·96	1,249
Birmingham ...	...	...	17·33	1·1050	20·00	22·10	1,257
Gateshead ...	...	...	17·83	1·0740	20·61	22·14	1,259
Wolverhampton ...	...	...	18·30	1·0464	21·27	22·26	1,266
Sheffield ...	...	...	17·22	1·1120	20·24	22·51	1,280
Newcastle ...	...	...	17·58	1·0892	21·42	23·33	1,327
Sunderland ...	...	...	18·25	1·0493	22·63	23·75	1,351
Manchester ...	...	...	16·90	1·1331	21·89	24·80	1,411
Salford ...	...	...	17·03	1·1244	22·70	25·52	1,452
Liverpool ...	...	...	17·44	1·0980	23·98	26·33	1,498

\* The Standard Death-rate signifies the rate at all ages calculated on the hypothesis that the rates at each of twelve age-periods in each town were the same as in England and Wales during the ten years 1881-90, the rate at all ages in England and Wales during that period having been 19·15 per 1,000.

† The Factor for Correction is obtained by dividing the Standard Death-rate in England and Wales by the Standard Death-rate in each town, and is the figure by which the Recorded Death-rate should be multiplied in order to correct for variations of sex and age distribution.

‡ The Corrected Death-rate is the Recorded Death-rate multiplied by the Factor for Correction.  
§ The Comparative Mortality Figure represents the Corrected Death-rate in each town compared with the Recorded Death-rate at all ages in England and Wales in 1898, taken as 1,000.



Particulars of the mortality during 1898 in each of the thirty-three great English towns are given in Tables 1 to 4.

*Infantile mortality.*—The 212,848 deaths at all ages included 60,418 deaths of infants during their first year of life. Infantile mortality, therefore, measured by the proportion of deaths under one year to births registered, was equal to 178 per 1000 in the thirty-three great towns, and was 11 per 1000 above the average proportion in the ten preceding years. During the year 1898 the lowest proportions in the thirty-three towns were 150 in Croydon, 153 in Huddersfield, 156 in Portsmouth, and 158 in Cardiff; the highest proportions were 206 in Blackburn, 208 in Gateshead, 212 in Salford, and 225 in Preston.

Among the principal zymotic diseases, the mortality from diarrhoea showed an excess in the year 1898 as compared with the mean rate in the preceding decennium; the mortality from diphtheria and from "fever" corresponded with the average; while that from small-pox, measles, scarlet fever, and whooping-cough was below the average.

There were in the thirty-three towns 13 deaths from *small-pox* last year, as compared with 732, 450, 120, 25, and 18 respectively in the five preceding years. Of these 13 deaths, 3 occurred in Gateshead, 3 in Newcastle-upon-Tyne, 2 in Liverpool, 2 in Leeds, 2 in Sunderland, and 1 in London.

The mortality attributed to *measles* was equal to a rate of 0·56 per 1000, against an average rate of 0·59 in the ten preceding years. The lowest rates were 0·02 in Preston, 0·07 in Burnley, 0·22 in Wolverhampton, and 0·25 in Bolton; the highest rates were 0·73 in Halifax, 0·87 in Swansea, 0·97 in Bristol, and 1·03 in Leicester.

*Scarlet fever* caused a mortality equal to 0·14 per 1000, as compared with a decennial average of 0·25. The rates in the several towns ranged from 0·03 in Preston, 0·04 in Plymouth and in Bristol, and 0·05 in Cardiff, in Burnley, and in Bradford, to 0·23 in Liverpool, 0·26 in Wolverhampton, 0·28 in Birkenhead, and 0·29 in Salford and in Leeds.

The mortality ascribed to *diphtheria* was equal to a rate of 0·31 per 1000, and corresponded with the decennial average. Excluding London, where the rate was equal to 0·39 per 1000, the rate in the great English towns averaged 0·25 per 1000; it ranged from 0·06 in Sunderland, 0·07 in Bolton, in Oldham, in Preston, in Bradford, and in Hull, and 0·08 in Halifax, to 0·43 in Wolverhampton and in Birkenhead, 0·54 in Leeds, 0·63 in West Ham, 0·73 in Cardiff, and 1·22 in Swansea.

*Whooping-cough* gave rise to a death-rate of 0·42 per 1000 during the year, or 0·10 below the average rate. The lowest rates were 0·04 in Blackburn, 0·06 in Burnley, 0·07 in Birkenhead, 0·09 in Leicester, and 0·10 in Wolverhampton; the highest rates being 0·53 in Preston, 0·60 in Salford, 0·62 in Sheffield and in Newcastle-upon-Tyne, and 0·64 in Gateshead.

*Continued fevers*, mainly *enteric*, gave rise to a mortality equal to a rate of 0·20 per 1000, which corresponded with the average. The lowest rates were 0·06 in Plymouth, 0·08 in Bristol, 0·09 in Croydon, and 0·10 in Cardiff and in Huddersfield; the highest rates being 0·34 in Birkenhead, 0·37 in Salford and in Preston, 0·40 in Norwich and in Sheffield, and 0·48 in Sunderland.

*Diarrhoea* caused a mortality equal to a rate of 1·22 per 1000; this rate was 0·36 above the decennial average, and with two exceptions was higher than it had been in any of the ten preceding years. The lowest rates were 0·49 in Swansea, 0·64 in Halifax, 0·76 in Oldham, 0·84 in Cardiff, and 0·86 in Portsmouth and in Huddersfield; the highest rates were 1·89 in Sheffield, 1·95 in Wolverhampton, 2·05 in Preston, and 2·16 in Salford.

The highest aggregate rates from the principal zymotic diseases were 3·35 in Leicester, 3·69 in Sunderland, 3·82 in Sheffield, and 4·03 in Salford.



*Uncertified Causes of Death.*—Of the 212,848 deaths registered during the year, 2538, or 1·2 per cent., were not certified. In London the proportion of uncertified deaths did not exceed 0·6 per cent., whilst it averaged 1·6 in the thirty-two other great towns. The causes of all the deaths in Croydon and in Derby during the year 1898 were certified; among the other great towns the lowest proportions of uncertified deaths were 0·1 in Oldham, 0·3 in Bolton and in Gateshead, and 0·4 in Leeds; the highest proportions were 2·7 in Halifax, 2·9 in Birmingham and in Preston, 3·3 in Blackburn, and 3·4 in Liverpool.

## LONDON.

### MARRIAGES.

The marriages in London during the year 1898 numbered 42,016, and the proportion of persons married was 18·7 per 1000 of the population; this is the highest rate recorded in any year since 1877.

### BIRTHS.

In the course of last year 132,432 births were registered, giving a rate of 29·5 per 1000 of the population. This is the lowest London birth-rate on record. The natural increment of the population, by excess of births over deaths, was 48,496, the average increment in the ten preceding years having been 48,218 per annum.

### DEATHS.

The deaths in the year 1898 numbered 83,936, and corresponded to a rate of 18·7 per 1000 of the population, the average death-rate in the previous ten years having been 19·7.

The 83,936 registered deaths include the deaths of 1700 Londoners in Metropolitan Institutions outside the limits of Registration London, and also the deaths of 1899 strangers who had been admitted into London Hospitals and Infirmarys from districts outside these boundaries. By excluding the deaths of persons ascertained to have been strangers, the death-rate of London is reduced to 18·3 per 1000.

### CORRECTED MORTALITY OF LONDON SANITARY AREAS.

The rates of mortality in the sanitary areas of the Metropolis, when calculated on the deaths locally registered, convey an erroneous idea of the relative healthiness of these areas.

The presence of hospitals, workhouses, and other large public institutions in certain parts of London unduly raises the recorded death-rates of the areas in which they are situated, whilst the mortality of other areas, from which patients migrate to those institutions, is correspondingly lowered. Until the deaths occurring in public institutions have been distributed to the sanitary areas from which the patients originally came, no reliable rates of mortality for these areas can be calculated.

In Table 21 the deaths in 1898 are shown, after due correction for institution mortality, and in Table 22 the deaths have been reduced to annual rates per 1000 of the several estimated populations. The death-rates for Metropolitan sanitary areas were published for the first time in the Annual Summary for 1896, the establishment of a quinquennial census for London having rendered it possible to form estimates of population from year to year which may perhaps be regarded as sufficiently accurate for this purpose. Some of the London sanitary areas afford striking examples of the necessity for such distribution. This is shown by the following table, which gives the *registered* death-rates from certain diseases side by side with the *corrected* rates, for each of the sanitary areas.



TABLE B.—DEATH-RATES during 1898 in LONDON\* and its SANITARY AREAS from ALL CAUSES, and from certain diseases (1) before Distribution, and (2) after Distribution, of Deaths in Public Institutions.

SANITARY AREAS.	DEATH-RATES PER 1000 LIVING.							
	All Causes.		Scarlet Fever.		Diphtheria.		Phthisis.	
	Before Distribution.	After Distribution.	Before Distribution.	After Distribution.	Before Distribution.	After Distribution.	Before Distribution.	After Distribution.
REGISTRATION LONDON ..	18'7	18'3	0'13	0'13	0'39	0'39	1'77	1'72
West.								
Paddington .. .. .	17'2	16'1	0'02	0'06	0'23	0'48	1'37	1'38
Kensington .. .. .	18'4	16'4	0'01	0'14	0'03	0'15	2'32	1'26
Hammersmith .. .. .	15'6	18'3	0'03	0'21	0'07	0'21	1'08	1'48
Fulham .. .. .	19'3	17'2	0'81	0'28	1'09	0'49	1'58	1'47
Chelsea .. .. .	18'9	18'2	0'01	0'16	0'17	0'43	2'34	1'74
St. George, Hanover Square ..	19'5	13'2	—	0'05	0'15	0'12	2'11	1'31
St. Margaret & St. John, Wstmnstr.	17'9	20'8	—	0'10	0'25	0'42	1'64	2'63
St. James, Westminster .. ..	14'2	18'6	—	0'09	—	0'23	0'99	1'90
North.								
St. Marylebone .. .. .	15'6	18'3	0'02	0'09	0'11	0'32	0'94	1'79
Hampstead .. .. .	16'4	11'7	1'21	0'04	2'32	0'24	1'55	0'74
St. Pancras .. .. .	19'1	19'2	0'00	0'22	0'16	0'40	2'22	1'99
Islington .. .. .	16'7	16'6	0'03	0'08	0'10	0'26	1'68	1'46
Stoke Newington .. .. .	12'1	13'7	0'03	0'03	0'06	0'14	0'84	1'04
Hackney .. .. .	17'5	16'4	0'15	0'14	1'08	0'55	1'50	1'39
Central.								
St. Giles .. .. .	16'7	20'2	—	0'05	0'03	0'16	2'75	3'34
St. Martin-in-the-Fields .. ..	24'6	15'5	—	0'08	0'16	0'24	1'86	1'78
Strand .. .. .	23'2	22'9	0'04	0'09	0'09	0'17	2'41	3'32
Holborn .. .. .	28'4	24'9	0'03	0'07	1'10	0'73	2'20	3'17
Clerkenwell .. .. .	14'2	21'7	—	0'20	0'15	0'55	1'30	2'35
St. Luke .. .. .	18'7	25'7	0'02	0'37	0'15	0'59	2'44	2'64
City of London .. .. .	33'0	19'1	—	0'07	0'59	0'34	2'17	1'86
East.								
Shoreditch .. .. .	22'3	22'3	0'04	0'17	0'22	0'36	1'79	2'02
Bethnal Green .. .. .	20'5	22'3	0'02	0'09	0'23	0'48	2'26	2'17
Whitechapel .. .. .	29'6	20'2	—	0'10	0'46	0'25	3'00	2'60
St. George-in-the-East .. .. .	20'5	24'8	0'02	0'12	0'04	0'29	2'33	2'70
Limehouse .. .. .	21'7	23'8	0'02	0'09	0'22	0'44	1'69	2'39
Mile End Old Town .. .. .	17'4	19'9	0'02	0'07	0'25	0'56	1'24	1'46
Poplar .. .. .	21'7	21'2	0'05	0'13	0'32	0'52	2'03	1'83
South.								
St. Saviour .. .. .	14'9	23'6	—	0'04	0'12	0'61	1'27	3'06
St. Geo.-the-Martyr, Southwark	20'2	24'4	0'05	0'33	0'20	0'60	2'02	3'18
Newington .. .. .	14'7	20'5	0'04	0'20	0'12	0'59	1'45	2'43
St. Olave .. .. .	73'5	20'6	0'09	0'09	0'53	0'27	4'71	2'22
Bermondsey .. .. .	14'8	20'7	0'05	0'22	0'19	0'51	1'17	2'15
Rotherhithe .. .. .	23'4	19'0	0'07	0'25	0'17	0'27	3'44	1'82
Lambeth .. .. .	18'4	17'9	0'07	0'10	0'46	0'38	1'59	1'67
Battersea .. .. .	16'1	16'9	0'03	0'16	0'26	0'70	1'57	1'50
Wandsworth .. .. .	13'5	14'4	0'21	0'08	0'70	0'44	0'97	1'13
Camberwell .. .. .	17'8	16'4	0'02	0'07	0'15	0'33	2'15	1'53
Greenwich .. .. .	18'8	18'5	0'32	0'12	0'75	0'24	1'50	1'51
Lee .. .. .	17'7	14'9	1'01	0'18	2'47	0'35	1'04	1'16
Lewisham (excluding Penge) ..	17'1	15'3	0'68	0'11	1'22	0'29	0'96	0'88
Woolwich .. .. .	15'7	20'4	—	0'12	0'10	0'46	1'38	2'08
Plumstead .. .. .	17'5	16'3	0'05	0'19	0'03	0'24	1'72	1'48

\* See note † to Table 1, page xix.



In St. Olave, for instance, in which sanitary area Guy's Hospital is situated, the registered deaths in 1898 numbered 827, and were equal to a rate of 73·5 per 1000 of the population; but after distribution of the deaths occurring in public institutions only 232 deaths remained as properly belonging to St. Olave sanitary area. In this case the *corrected* rate is 20·6 per 1000, or less than one-third of the uncorrected rate.

Again, the sanitary area comprising the City of London contains, among other public institutions, St. Bartholomew's Hospital. The deaths registered in the City during 1898 numbered 957; but of these, 651 deaths (mostly of persons belonging to other sanitary areas) occurred in public institutions, whilst several deaths of residents of the City of London occurred in institutions outside its boundaries. After distribution of these deaths the number belonging to the City of London is found to be 555. The uncorrected death-rate of the City of London in 1898 therefore stands at 33·0 per 1000, whilst the corrected rate does not exceed 19·1.

On the other hand, in the sanitary area of St Saviour Southwark only 364 deaths were registered during the year 1898, but when the deaths of St. Saviour residents which took place in public institutions outside the boundaries of that area are taken into account, the death total is raised from 364 to 577, and the death-rate from 14·9 per 1000 of the population to 23·6. In like manner the death-rate of Clerkenwell is raised from 14·2 to 21·7; that of St Luke from 18·7 to 25·7; that of St. George-in-the-East from 20·5 to 24·8; that of St. George Southwark from 20·2 to 24·4; and that of Newington from 14·7 to 20·5.

*Infantile Mortality.*—The total deaths at all ages include those of 22,140 infants under one year of age, corresponding to a proportion of 167 per 1000 births, as compared with an average proportion of 151 in the ten years immediately preceding. Infantile mortality in 1898 exceeded that recorded in any year since 1871.

After distribution of the deaths occurring in public institutions the incidence of infantile mortality upon the various sanitary areas of the Metropolis was as follows:—the lowest proportions per 1000 births were 108 in Stoke Newington, 120 in St. George Hanover Square, 125 in Hampstead, 128 in City of London, and 132 in St. Marylebone and in St. Olave Southwark; the highest were 195 in St. George-in-the-East, 196 in Clerkenwell and in Shore-ditch, 208 in Limehouse, 211 in St. Saviour Southwark, and 221 in Holborn.

*Causes of Death.*—Table C on the opposite page shows, in a summary form, the number of lives saved and the number lost in the year 1898, as compared with the number in the preceding decennium, under several of the more important headings in the list of causes.

The net gain in life saved during 1898 is represented by 4506 lives. In other words, had the average death-rate in 1888–97 continued throughout the year under present notice, 4506 lives would have been sacrificed in addition to those which have been actually lost by death. In the year 1898 there was, as compared with the decennial average, an excess of 306 deaths from measles, 145 from influenza, 1408 from diarrhoeal diseases, 543 from cancer, 193 from premature birth, 88 from urinary diseases, 135 from accident, and 1 from homicide. Under each of the other headings in the table the mortality in 1898 was below the average. This was notably the case in regard to scarlet fever, whooping-cough, diphtheria and phthisis, and also in regard to diseases of the nervous and of the respiratory system—the deaths referred to the last-mentioned group of diseases being 3810 below the annual average.



TABLE C.—LONDON.—DIMINUTION OR EXCESS OF DEATHS IN 1898, compared with the Average Annual Deaths in 1888–97, corrected for increase of Population.

CAUSE OF DEATH.	Diminution in 1898.	Excess in 1898.
Small-pox ... ..	45	—
Measles ... ..	—	306
Scarlet Fever ... ..	438	—
Typhus ... ..	4	—
Influenza ... ..	—	145
Whooping-cough .. ..	361	—
Diphtheria ... ..	403	—
Simple Fever ... ..	16	—
Enteric Fever ... ..	37	—
Diarrhoeal Diseases... ..	—	1408
Cancer ... ..	—	543
Phthisis and other Tubercular Diseases	749	—
Premature Birth ... ..	—	193
Diseases of Nervous System ... ..	1262	—
Diseases of Circulatory System ... ..	374	—
Diseases of Respiratory System ... ..	3810	—
Diseases of Urinary System ... ..	—	88
Childbirth and Puerperal Fever ... ..	157	—
Accident ... ..	—	135
Homicide ... ..	—	1
Suicide ... ..	10	—
All other Causes ... ..	—	341
Balance of Diminution or Excess ... ..	4506	—

*Influenza.*—The deaths referred to influenza during 1898 numbered 1283, against 2117, 491, and 679 in the three preceding years. Although the deaths from this disease in 1898 were nearly double those in 1897, they were below the average for the eight preceding years.

*Small-pox* caused only one death during 1898, against 88, 55, 9, and 16 deaths in the four preceding years. With respect to this death, which was that of a person belonging to the sanitary area of St. George Hanover Square, no statement as to vaccination was made in the medical certificate.

*Measles* was the certified cause of 3075 deaths during the year, which were equal to a rate of 0·68 per 1000, as compared with 0·62, the decennial average rate. Among the Metropolitan sanitary areas the lowest rates were 0·08 in

St. Martin-in-the-Fields, 0·15 in Lee, 0·28 in City of London, and 0·29 in Stoke Newington; the highest rates were 1·17 in Holborn, 1·18 in Bethnal Green, 1·20 in Hammersmith, and 1·40 in Woolwich.

*Scarlet Fever* caused 583 deaths, which were equal to a rate of 0·13 per 1000 of the population in the year under present notice, as compared with 0·23, the average rate in the ten years immediately preceding. Of these 583 deaths, 494, or nearly 85 per cent., occurred in public institutions. Among the various Metropolitan sanitary areas the lowest scarlet fever death-rates, after distribution of institution deaths, were 0·03 in Stoke Newington, 0·04 in Hampstead and in St. Saviour Southwark, and 0·05 in St. George Hanover Square and in St. Giles; the highest death-rates from this disease were 0·25 in Rotherhithe, 0·28 in Fulham, 0·33 in St. George Southwark, and 0·37 in St. Luke.

Table B (p. vii) shows that correction for deaths occurring in hospitals considerably alters the scarlet fever mortality of many of the Metropolitan sanitary areas. The scarlet fever death-rate of Lee, for example, which was 0·18 per 1000 last year, would have appeared to be nearly six times as high if the hospital deaths had not been assigned to the areas to which they actually belonged; and the scarlet fever rate of Hampstead would have appeared as more than thirty times the true rate under the same circumstances. Reference to the table shows that distribution has had the effect of raising the scarlet fever mortality of most of the other sanitary areas of London.

*Diphtheria* was the assigned cause of 1772 deaths in the course of the year 1898. These deaths were equal to a rate of 0·39 per 1000, against rates of 0·54, 0·60, and 0·51 per 1000 in the three preceding years.

The London death-rate from diphtheria in 1898 was below the average of the rates in the ten years 1888-97, which had been 0·48 per 1000. The deaths from diphtheria and croup together numbered 1829, and were 649 below the average. The local mortality from diphtheria is very seriously disturbed by the existence of hospitals in certain of the areas. In Hampstead, for example, 182 deaths from diphtheria were registered in 1898; most of these occurred in the Metropolitan Asylums Board Hospital, to which the patients had been admitted from other districts, and, after distribution of institution deaths, only 19 remained as belonging to Hampstead sanitary area. Similarly, in Fulham sanitary area 136 deaths from diphtheria were registered; most of these were hospital cases imported from outside districts, and only 61 properly belonged to Fulham. Hackney, Holborn, St. Olave Southwark, Wandsworth, Greenwich, Lee, and Lewisham are also instances of sanitary areas whose registered death-rates from diphtheria are greatly increased by the presence of hospitals. On the other hand, Kensington, St. Giles, Clerkenwell, St. Luke, St. George-in-the-East, St. Saviour Southwark, Newington, Woolwich, and Plumstead may be mentioned as examples of the opposite kind, where the effect of distribution is to increase the diphtheria death-rates by including deaths of residents occurring in hospitals outside the district boundaries.

Among London sanitary areas the lowest death-rates from diphtheria, after distribution of institution deaths, were 0·12 in St. George Hanover Square, 0·14 in Stoke Newington, 0·15 in Kensington, and 0·16 in St. Giles; the highest rates were 0·59 in St. Luke and in Newington, 0·60 in St. George Southwark, 0·61 in St. Saviour Southwark, 0·70 in Battersea, and 0·73 in Holborn.

The following table shows the death-rates from diphtheria in the London sanitary areas, severally, during each of the past ten years.



TABLE D.—DEATH-RATES from DIPHTHERIA, per 1000 LIVING, in each of the METROPOLITAN SANITARY AREAS during the TEN YEARS 1889-98, after distribution of DEATHS in PUBLIC INSTITUTIONS.

SANITARY AREAS.	Year.									
	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
REGISTRATION LONDON.	0'38	0'33	0'32	0'44	0'75	0'61	0'52	0'59	0'50	0'39
West.										
Paddington .. ..	0'36	0'34	0'20	0'23	0'58	0'76	0'38	0'51	0'51	0'43
Kensington .. ..	0'67	0'20	0'17	0'20	0'49	0'46	0'53	0'40	0'47	0'15
Hammersmith .. ..	0'49	0'51	0'75	0'74	0'53	0'49	0'43	0'49	0'28	0'21
Fulham .. ..	0'15	0'25	0'21	0'32	0'63	0'99	0'70	0'66	0'53	0'49
Chelsea .. ..	0'25	0'58	0'17	0'41	0'54	0'54	0'59	1'17	0'56	0'43
St. George, Hanover Square.	0'37	0'16	0'26	0'33	0'43	0'24	0'30	0'30	0'21	0'12
St. Margaret and St. John, Westminster.	0'50	0'16	0'20	0'80	0'26	0'48	0'39	0'37	0'43	0'42
St. James, Westminster	0'08	0'12	0'28	0'25	0'58	0'63	0'17	0'09	0'13	0'23
North.										
St. Marylebone .. ..	0'23	0'19	0'18	0'34	0'66	0'51	0'25	0'52	0'33	0'32
Hampstead .. ..	0'13	0'31	0'19	0'39	0'53	0'27	0'19	0'39	0'22	0'24
St. Pancras .. ..	0'26	0'55	0'30	0'45	0'85	0'50	0'55	0'40	0'47	0'40
Islington .. ..	0'20	0'25	0'50	0'47	0'61	0'67	0'44	0'74	0'38	0'26
Stoke Newington ..	0'44	0'29	0'34	0'56	0'87	0'15	0'15	0'56	0'56	0'14
Hackney .. ..						0'59	0'39	0'47	0'62	0'55
Central.										
St. Giles .. ..	0'42	0'24	0'30	0'53	0'56	0'36	0'34	0'18	0'19	0'16
St. Martin-in-the-Fields	0'13	0'07	0'28	0'84	0'58	0'44	0'53	0'23	0'24	0'24
Strand .. ..	0'30	0'15	0'20	0'32	0'90	0'37	0'54	0'12	0'21	0'17
Holborn .. ..	0'49	0'52	0'27	0'52	0'68	0'63	0'22	0'38	0'53	0'73
Clerkenwell .. ..	0'36	0'28	0'42	0'42	1'15	0'51	0'51	0'62	0'73	0'55
St. Luke .. ..	0'30	0'37	0'28	0'33	1'10	0'36	0'48	0'62	0'51	0'59
City of London .. ..	0'30	0'28	0'34	0'66	0'31	0'18	0'24	0'34	0'33	0'34
East.										
Shoreditch .. ..	0'56	0'46	0'53	0'36	1'11	0'61	0'47	0'60	0'64	0'36
Bethnal Green .. ..	0'79	0'88	0'47	0'91	1'06	1'03	0'78	0'57	0'65	0'48
Whitechapel .. ..	0'46	0'68	0'73	0'78	0'80	0'60	0'75	0'60	0'43	0'25
St. George-in-the-East..	0'94	0'65	0'42	0'72	1'34	1'09	1'06	0'62	0'59	0'29
Limehouse .. ..	0'82	0'48	0'28	0'44	1'06	0'88	0'78	0'83	0'50	0'44
Mile End Old Town ..	0'50	0'40	0'34	0'75	0'73	0'74	1'01	0'86	0'56	0'56
Poplar .. ..	0'39	0'42	0'33	0'47	1'00	0'64	0'90	0'61	0'71	0'52
South.										
St. Saviour .. ..	0'44	0'18	0'41	0'22	0'65	0'77	0'51	0'70	0'48	0'61
St. George-the-Martyr, Southwark.	0'34	0'23	0'30	0'44	0'75	0'82	0'28	0'65	0'46	0'60
Newington .. ..	0'48	0'27	0'38	0'33	0'79	0'51	0'43	0'58	0'53	0'59
St. Olave .. ..	0'08	0'31	0'40	0'24	0'67	0'25	0'34	0'76	0'17	0'27
Bermondsey .. ..	0'27	0'22	0'19	0'24	0'94	0'78	0'34	0'84	0'73	0'51
Rotherhithe .. ..	0'42	0'20	0'10	0'28	0'78	0'78	0'77	0'63	0'52	0'27
Lambeth .. ..	0'58	0'27	0'28	0'47	0'65	0'49	0'38	0'46	0'48	0'38
Battersea .. ..	0'23	0'27	0'46	0'35	1'07	0'73	0'57	0'49	0'63	0'70
Wandsworth .. ..	0'30	0'14	0'23	0'40	0'67	0'45	0'25	0'21	0'57	0'44
Camberwell .. ..	0'31	0'22	0'20	0'33	0'54	0'78	0'72	1'01	0'66	0'33
Greenwich .. ..	0'19	0'28	0'28	0'31	0'87	0'77	1'06	0'78	0'39	0'24
Lee* .. ..	0'14	0'14	0'08	0'16	0'54	0'56	0'29	0'43	0'43	0'35
Lewisham (ex. Penge) ..	0'07	0'21	0'11	0'27	0'69	0'38	0'17	0'88	0'42	0'29
Woolwich .. ..	0'15	0'12	0'05	0'10	0'20	0'34	0'34	0'74	0'80	0'46
Plumstead* .. ..	0'27	0'27	0'11	0'70	1'18	0'64	0'62	0'91	0'39	0'24

\* The rates for Lee and Plumstead for the several years relate to those sanitary areas as constituted on 26th March 1894.

*Whooping-cough* was the assigned cause of 2160 deaths during 1898. The whooping-cough death-rate was equal to 0·48 per 1000, the mean rate in the ten years 1888-97 having been 0·56 per 1000. Among sanitary areas the lowest death-rates from this disease during 1898 were 0·05 in St. James Westminster, 0·07 in London City, 0·08 in St. Martin-in-the-Fields, 0·17 in Strand, and 0·20 in St. George Hanover Square; the highest rates were 0·81 in Shoreditch and in St. George-in-the-East, 0·82 in St. Margaret Westminster, 0·92 in Bethnal Green, 0·98 in St. Olave Southwark, and 1·06 in Limehouse.

*Enteric fever* was the registered cause of 585 deaths, *typhus* of 4, and *simple* or *ill-defined continued fever* of 9 deaths. Thus, to continued fevers (referred to in the aggregate as "fever") 598 deaths were classed in the course of the year. These deaths were equal to a rate of 0·13 per 1000, which corresponded with the rate in the preceding year, and was slightly below the average rate (0·15) in the ten years 1888-97. Among sanitary areas the lowest enteric fever death-rates were 0·02 in Rotherhithe, 0·05 in St. James Westminster, in St. Luke, and in Plumstead, and 0·06 in St. Margaret Westminster and in Stoke Newington; the highest rates were 0·17 in St. Pancras and in Strand, 0·18 in Poplar and in Lee, 0·19 in Hackney and in Woolwich, and 0·21 in London City and in Greenwich.

The following table shows the admissions into the Metropolitan Asylums Board Hospitals, the Highgate Small-pox Hospital, and the London Fever Hospital, together with the deaths therein, of small-pox, scarlet fever, diphtheria, and enteric fever patients during each of the ten years 1889-98:—

TABLE E.—LONDON.—ADMISSIONS and DEATHS at the METROPOLITAN ASYLUMS BOARD HOSPITALS, the HIGHGATE SMALL-POX HOSPITAL, and the LONDON FEVER HOSPITAL of Persons suffering from SMALL-POX, SCARLET FEVER, DIPHTHERIA, and ENTERIC FEVER, 1889-1898.

Years.	Small-pox.		Scarlet Fever.		Diphtheria.		Enteric Fever.	
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.
1889	7	—	4837	370	740	278	311	42
1890	25	4	6991	521	965	317	518	95
1891	67	8	5601	360	1330	399	759	108
1892	366	38	13,686	850	2021	584	430	65
1893	2546	190	15,312	918	2853	866	544	110
1894	1226	108	11,892	725	3691	1041	538	96
1895	971	65	11,800	601	3688	824	661	119
1896	211	8	16,627	674	4580	956	600	95
1897	73	13	15,550	628	5726	993	664	124
1898	5	—	12,456	521	6615	996	869	143



*Diarrhœa* was returned as the cause of 4376 deaths, which were equal to a rate of 0·97 per 1000. This is the highest rate recorded in any year since 1886, and is considerably in excess of the average rate in the preceding ten years, namely, 0·67 per 1000. Among sanitary areas the death-rates in 1898 from diarrhœa ranged from 0·17 in London City, 0·31 in Hampstead, 0·32 in St. Martin-in-the-Fields, and 0·36 in St. George Hanover Square, to 1·48 in Newington, 1·54 in St. Luke and in Limehouse, 1·58 in Shoreditch, and 1·64 in St. George Southwark.

*Phthisis* was the assigned cause of 7966 deaths in Registration London during the year 1898, against a corrected annual average of 8400 deaths in the ten years 1888-97. The phthisis death-rate was equal to 1·77 per 1000, as compared with rates of 1·73 and 1·77 respectively in the two years immediately preceding. Some of the London sanitary areas strikingly show the necessity of distributing institution deaths from phthisis, in order to arrive at a fairly reliable measure of local mortality from that disease. Thus, for example, in Kensington, which area contains the Marylebone Infirmary and part of the Brompton Consumption Hospital, 399 deaths from phthisis were registered during the year under notice; but it was found, on examination of the entries relating to these 399 deaths, that nearly half were those of non-residents which had taken place in Kensington public institutions. After distribution of these deaths to districts from which the patients had been removed to hospital, the Kensington death-rate from phthisis was reduced from 2·32 per 1000 to 1·26 per 1000. St. Olave Southwark is another sanitary area which is similarly in point. This area contains Guy's Hospital, the deaths of outsiders occurring in which raised the registered phthisis death-rate of St. Olave by 2·49 per 1000 in excess of the true rate. On the other hand, St. Margaret Westminster, St. James Westminster, Clerkenwell, St. Saviour Southwark, St. George Southwark, Newington, and Bermondsey are examples of sanitary areas, the phthisis mortality of which was very imperfectly represented by the deaths registered in the several areas. After distribution of the phthisis deaths as above-mentioned, the death-rates from that disease in the Metropolitan sanitary areas ranged from 0·74 in Hampstead, 0·88 in Lewisham, 1·13 in Wandsworth, and 1·16 in Lee, to 3·06 in St. Saviour Southwark, 3·17 in Holborn, 3·18 in St. George Southwark, 3·32 in Strand, and 3·34 in St. Giles.

The deaths in London attributed to *violence* numbered 3514 in the year under notice, as against 3390, the corrected average number in the preceding ten years. The deaths from *suicide* numbered 437, and were 10 below the average. The deaths from *homicide* numbered 73, and were 1 above the average. There was 1 *execution* during the year. Of the 3003 deaths from *accident*, 309 were definitely stated in coroners' certificates to have been caused by horses and vehicles in the streets, the corresponding numbers having increased from 255 to 334 in the four preceding years. As mentioned in previous summaries, the deaths here returned as caused by vehicles and horses are probably far from representing the total mortality so resulting, many of these deaths being registered under indefinite headings such as "fractures," &c.

The following table shows the numbers of deaths caused by the various descriptions of vehicles; those under the heading "Tramcar" and "Cart" having been considerably more numerous in 1898 than in any recent year. It will be noted that the excess under the heading "Van, waggon, dray," which occurred in 1897, was not maintained in 1898.

TABLE F.—LONDON.—DEATHS caused by HORSES and VEHICLES in the STREETS, 1873-1898.

Year			Description of Vehicle, &c.								TOTAL.
			Horse, &c.	Carriage.	Omnibus.	Tram-car.	Cab.	Cart.	Van, waggon, dray.	Others, and not described.	
1873	...	...	13	10	12	17	28	56	79	2	217
1874	...	...	28	11	17	14	33	36	67	5	211
1875	...	...	11	15	18	9	39	55	82	2	231
1876	...	...	13	4	17	12	24	56	84	7	217
1877	...	...	16	13	13	4	26	56	97	2	227
1878	...	...	17	12	14	10	34	63	84	3	237
1879	...	...	16	13	17	18	36	57	74	5	236
1880	...	...	12	11	20	17	39	43	76	2	220
1881	...	...	13	14	21	23	31	58	88	4	252
1882	...	...	12	15	19	23	37	60	100	5	271
1883	...	...	6	12	16	25	57	45	57	4	222
1884	...	...	12	11	33	18	57	51	74	9	265
1885	...	...	12	20	14	11	55	55	89	10	266
1886	...	...	10	7	21	9	39	49	111	5	251
1887	...	..	13	7	18	19	51	49	85	9	251
1888	...	..	5	15	25	9	41	47	91	4	237
1889	..	..	15	10	29	12	52	40	83	13	254
1890	...	..	3	11	22	18	43	44	109	20	270
1891	...	..	9	10	18	12	35	38	111	11	244
1892	...	...	17	15	26	11	44	47	101	8	269
1893	...	...	21	7	28	16	42	48	109	33	304
1894	...	...	17	10	24	13	35	46	86	24	255
1895	...	...	12	12	34	12	34	43*	117	27	291*
1896	...	...	18	15	30	17	51	33	117	19	300
1897	...	...	14	11	32	11	50	36	146	34	334
1898	..	...	16	13	32	19	47	45	100	37†	309

\* Including one case in which a verdict of "Manslaughter" was returned.

† Including 9 caused by cycles.

Of the 3003 deaths at all ages attributed to accident or negligence, 644 were those of infants under one year of age who had been suffocated in bed, the number so returned in the preceding year having been 568. Of the 73 deaths by homicide, as many as 25 were those of infants under one year of age.



*Deaths in Workhouses, Hospitals, and Public Lunatic and Imbecile Asylums.*—Of the 83,936 deaths registered in the year under notice, 24,321, or 29·0 per cent., took place in public institutions. The percentages in the several classes of institutions were as follows :—

14·7 per cent. in Workhouses and Workhouse Infirmarys.  
 2·1 „ „ in Metropolitan Asylums Board Hospitals.  
 10·1 „ „ in other Hospitals.  
 2·1 „ „ in Public Lunatic and Imbecile Asylums.

Thus, in London, about one in every 7 deaths occurred in a Workhouse or Workhouse Infirmary, one in 48 in a Metropolitan Asylums Board Hospital, one in 10 in some other Hospital, and one in 48 in a Public Lunatic or Imbecile Asylum.

TABLE G.—LONDON.—DEATHS IN PUBLIC INSTITUTIONS and PROPORTION of PAUPERISM, 1889–98.

	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Deaths in Public Institutions ..	18,869	21,881	23,052	22,260	24,598	22,117	23,282	23,178	23,553	24,321
Metropolitan Asylums Board Hospitals (in and out of London).	729	1,019	973	1,650	2,163	2,066	1,669	1,839	1,856	1,765
Other Hospitals .. ..	7,054	7,717	8,008	7,686	8,794	7,903	8,182	8,468	8,419	8,458
Lunatic and Imbecile Asylums.*	1,583	1,882	1,598	1,686	1,621	1,737	1,776	1,688	1,667	1,767
Workhouses and Workhouse Infirmarys.†	9,503	11,263	12,473	11,238	12,020	10,411	11,655	11,183	11,611	12,331
Proportion of persons in receipt of Poor Law Relief per 1000 population.										
In-door	14·0	13·7	13·5	13·7	14·2	14·5	14·8	14·5	14·5	14·6
Out-door	9·0	8·5	8·0	7·8	8·2	8·3	9·8	8·5	8·3	8·1

\* Including the City of London, London County, and Metropolitan Lunatic and Imbecile Asylum situated outside Registration London.

† Including the Islington and Strand Union Workhouses at Edmonton, and the Holborn Union Workhouse at Mitcham.

*Uncertified Causes of Death.*—Of the 83,936 deaths registered in London during the year, 528, or 0·6 per cent., were uncertified, being equal to the proportion uncertified in each of the two preceding years.

GREATER LONDON.—The estimated population of Greater London, which is co-extensive with the Metropolitan and City Police Districts, was 6,408,321 in the middle of the year 1898; namely, 4,504,766 in Inner or Registration London, and 1,903,555 in the Outer Ring. The mortality among the inhabitants of the entire area was at the rate of 17·2 per 1000, as compared with 18·3, 17·0, and 16·7 in the three preceding years. In Inner or Registration London, the mortality was at the rate of 18·7 per 1000, while in the Outer Ring it did

not exceed 13·7. Infantile mortality in Greater London was equal to 164 per 1000 births, as compared with 159, 155, and 155 in the three preceding years. The proportion in Inner London was 167, and in the Outer Ring 158, per 1000 births.

### The Sixty-seven other Large Towns.

In the middle of the year 1898 the 67 English and Welsh towns included in Table 5 contained a population estimated at 3,911,807. The births registered in these towns in the course of the year numbered 115,138, and were in the proportion of 29·4 per 1000 of the population, against 30·1 in each of the two preceding years. The deaths registered in the course of the year were 67,162 in number, and corresponded to a rate of 17·2 per 1000 persons living, against 17·3 and 17·2 respectively in the two preceding years.

The death-rates in the several towns, calculated without reference either to sex or to age, varied considerably. They ranged from 9·6 in Hornsey, 9·8 in Bournemouth, 9·9 in Eastbourne, and 11·4 in Willesden, to 22·0 in Chester and in Barnsley, 22·4 in Carlisle, 25·8 in Dudley, and 26·7 in Longton.

Particulars of the mortality during 1898 in the 67 towns here referred to are given in Tables 5 and 6.

*Infantile mortality.*—The 67,162 deaths at all ages registered in the 67 towns included 19,954 of children under one year of age. Infantile mortality, or the proportion of deaths under one year of age to registered births, was therefore equal to 173 per 1000. The proportions ranged from 118 in Hornsey, 121 in Oxford, 124 in Bournemouth, 133 in Rochdale, and 135 in Colchester and in Worcester, to 218 in Barnsley, 226 in Hanley, 227 in Aberdare, 229 in Stockport, and 279 in Longton.

*Small-pox* caused 203 deaths in these 67 towns during the year under notice; of which 199 were registered in Middlesbrough, and 1 each in Bootle, York, Darlington, and West Hartlepool.

The death-rate from *measles* in these towns averaged 0·41 per 1000, the highest rates being 0·76 in Ipswich, 0·86 in Cambridge, 0·95 in Newport, 1·03 in Hanley, 1·20 in Barrow-in-Furness, 1·46 in Carlisle, and 2·89 in Dudley.

The death-rate from *scarlet fever* averaged 0·10 per 1000, the highest rates in the several towns being 0·23 in Great Yarmouth, 0·25 in Accrington and in Rotherham, 0·28 in Wallasey and in Bootle, 0·31 in St. Helens, and 0·38 in Wigan.

*Diphtheria* caused a death-rate averaging 0·28 per 1000; the highest rates being 0·60 in Colchester, 0·64 in Southampton, 0·65 in Worcester, 0·72 in Great Yarmouth, 1·02 in Keighley, 1·10 in Rhondda, 1·85 in Aberdare, and 2·77 in Longton.

The death-rate from *whooping-cough* averaged 0·27 per 1000; the highest rates being 0·55 in West Bromwich, 0·62 in Aberdare, 0·73 in South Shields, 0·78 in Colchester, 0·92 in Barnsley, and 0·99 in Jarrow.

The death-rate from "*fever*" averaged 0·21 per 1000 during the year 1898. The highest "*fever*" rates were 0·40 in Grimsby, 0·42 in Longton, 0·50 in Barnsley, 0·61 in Bootle, 0·68 in Dudley, and 0·88 in Great Yarmouth.



The death-rate ascribed to *diarrhœa* averaged 1·09 per 1000. The highest rates were 1·83 in Great Yarmouth, 1·90 in Ipswich, 2·11 in Barnsley, 2·25 in Dudley, 2·35 in Longton, 2·45 in Rotherham, and 3·04 in Coventry.

The death-rates from the *principal zymotic diseases* in the aggregate averaged 2·41 in the 67 towns, and ranged from 0·36 in Bournemouth, 0·66 in Oxford, 0·86 in Southport, 0·95 in Bath, 1·04 in Hornsey, 1·10 in Exeter, and 1·19 in Scarborough, to 4·00 in Coventry, 4·22 in Barnsley, 4·33 in Aberdare, 4·42 in Great Yarmouth, 4·61 in Middlesbrough, 6·25 in Longton, and 6·43 in Dudley.

### Edinburgh, Glasgow, and Dublin.

In Edinburgh the death-rate in 1898 was equal to 19·7 per 1000, in Glasgow it was 21·2 per 1000, and in Dublin it was 26·8 per 1000, against 18·7 in London.

### Colonial and Foreign Cities.

From Weekly and other Returns with which the Registrar-General is favoured by the Authorities of thirty-three of the principal Colonial and Foreign cities, with an estimated aggregate population exceeding twenty-three millions, it is found that the deaths last year in these cities collectively were equal to a rate of 22·2 per 1000 living.

In thirty European and American cities, with an aggregate population of about twenty-one and a half millions, the rate was 20·1 per 1000. In Paris the rate was 19·7, in Berlin it was 17·3, in Vienna it was 20·1, and in New York it was 19·1, against 18·7 in London. Among the other cities the lowest rates were 13·8 in Cincinnati, 14·3 in St. Louis, and 16·8 in Brussels and in Christiania; the highest were 24·8 in Breslau and in New Orleans, 25·1 in Munich, 25·8 in St. Petersburg, 28·2 in Trieste, and 30·0 in Moscow. *Small-pox* caused 145 deaths in Moscow, 89 in St. Petersburg, 12 in Berlin, and 11 in Florence. *Measles* was most fatal in proportion to population in Paris, Rotterdam, St. Petersburg, Moscow, Hamburg, Vienna, Prague, and Buda Pesth; *scarlet fever* in St. Petersburg, Moscow, Prague, Buda Pesth, and Trieste; *diphtheria* in Stockholm, St. Petersburg, Moscow, Berlin, Munich, Vienna, Prague, Trieste, New York, Philadelphia, and St. Francisco; *whooping-cough* in Amsterdam, Rotterdam, the Hague, and Copenhagen; "*fever*" in St. Petersburg, Moscow, Prague, Trieste, Rome, Florence, Venice, Philadelphia, and San Francisco; and *diarrhœal diseases* in Paris, Brussels, St. Petersburg, Moscow, in the German and Austrian cities with the exception of Prague, and in Rome, Turin, Venice, and New York.

Among the Indian cities the death-rate was equal to 27·1 in Calcutta, 44·9 in Madras, and 63·1 in Bombay. *Small-pox* caused 54 deaths in Bombay, 75 in Calcutta, and 117 in Madras; *measles* caused 259 deaths in Bombay and 761 in Madras; under the heading "*fever*" 3892 deaths were classed in Calcutta, 5503 in Madras, and 22,120 in Bombay, the latter number including 18,011 deaths from *plague*. The mortality from *diarrhœal diseases* was excessive in each of these Indian cities.

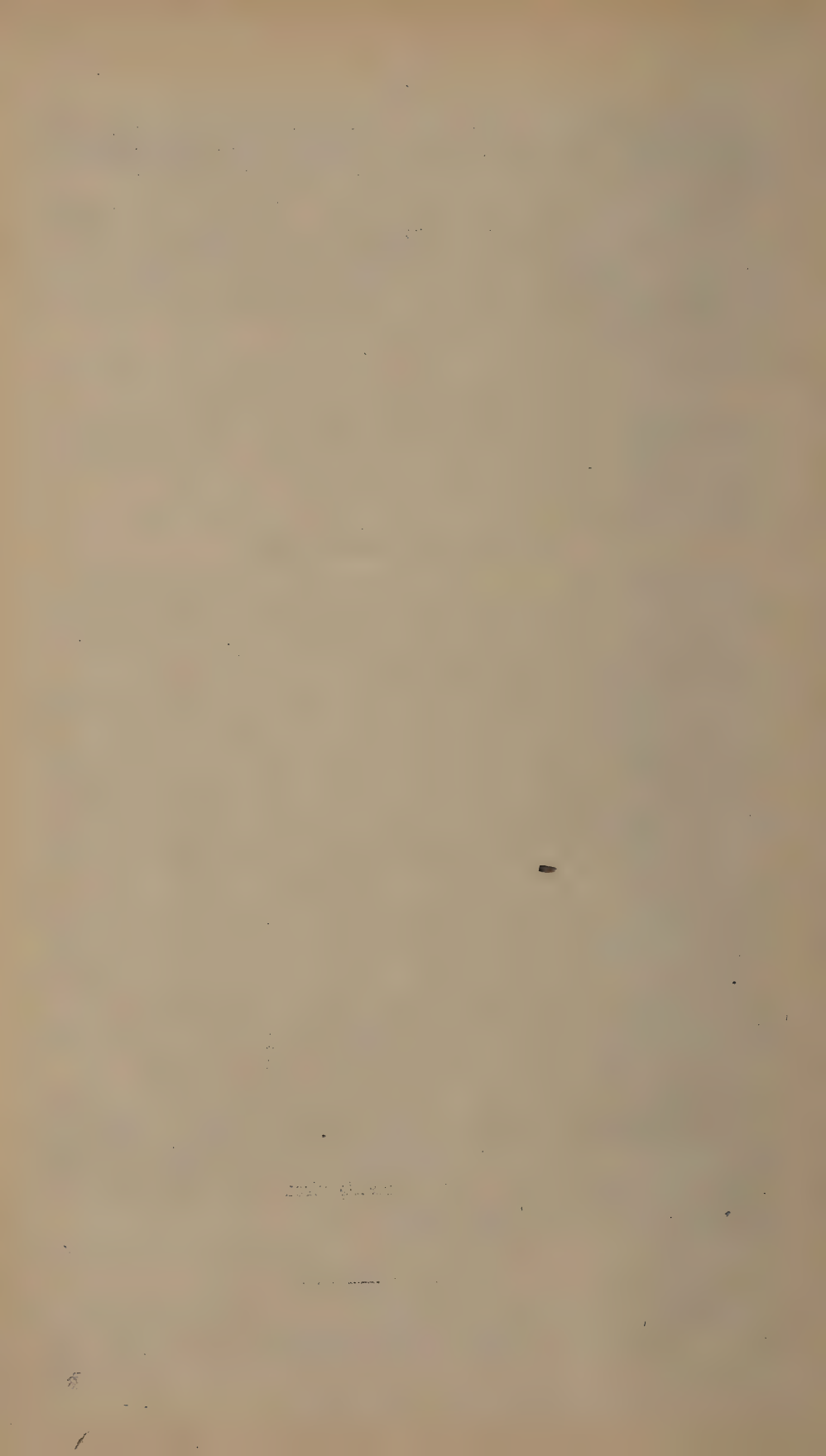




TABLE 1.—33 Towns.—Population; Births, Deaths, and Meteorology, in the 52 Weeks of 1898.

CITIES AND BOROUGHES.	POPULATION, Estimated, to the middle of 1898.*	Persons to an Acre.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Deaths in Public Institutions.	Un- certified Causes of Death.	MEAN TEMPERATURE. (Inches).	RAIN- FALL. (Inches).	CITIES AND BOROUGHES.
					Infants under 5 years of Age.		Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.						
					Persons aged 5 years and upwards.	Persons aged 60 years and upwards.															
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	
33 TOWNS.	11,218,378	35.3	339,350	21,284	60,418	47,915	31,752	13	62,900	15,700	34,190	4,658	2,190	13,612	7,938	15,900	44,171	25,338	49.7	23.65	.. 33 TOWNS.
LONDON†	4,504,766	60.3	1,324,332	83,936	22,440	20,098	12,565	1	30,775	5,833	17,722	2,160	598	4,376	3,514	7,524	24,321	528	51.3	18.85	LONDON.†
WEST HAM.	286,454	60.9	87,490	4,406	1,488	758	765	—	91	23	180	119	72	280	203	317	544	105	—	—	WEST HAM.
CROYDON.	124,421	13.8	31,446	17,233	4,711	567	248	—	24	9	17	35	11	142	54	139	294	—	50.2	19.27	CROYDON.
BRIGHTON.	122,310	48.4	30,224	20,632	5,465	615	288	—	82	7	21	21	18	139	57	146	598	11	51.5	20.33	BRIGHTON.
PLYMOUTH.	186,618	40.0	49,744	30,333	7,774	820	402	—	69	32	44	23	6	180	97	191	502	29	51.4	22.03	PLYMOUTH.
PORTSMOUTH.	99,136	43.3	29,935	19,322	4,999	615	212	—	70	4	10	28	4	94	38	116	223	11	—	—	PORTSMOUTH.
BRISTOL.	316,900	27.1	90,555	54,337	14,886	1,464	852	—	307	14	44	115	25	347	174	431	882	38	49.5	31.44	BRISTOL.
CARDIFF.	177,770	29.3	55,250	26,327	8,701	456	306	—	50	8	129	43	17	149	83	175	312	19	—	—	CARDIFF.
SWANSEA.	102,001	20.1	29,411	18,880	541	337	326	—	18	11	124	40	13	50	59	121	149	28	—	—	SWANSEA.
WOLVERHAMPTON.	88,051	25.0	31,440	18,883	628	393	280	—	19	23	38	9	20	171	50	121	244	21	48.0	21.01	WOLVERHAMPTON.
BIRMINGHAM.	510,343	40.2	173,116	101,719	3,809	2,017	1,417	—	181	46	131	251	114	694	364	504	1,787	262	21.01	—	BIRMINGHAM.
NORWICH.	111,699	14.8	33,229	21,192	639	639	963	—	75	23	14	37	45	169	54	123	250	17	49.5	22.96	NORWICH.
LEICESTER.	208,682	24.3	61,566	35,322	1,175	780	897	—	214	44	62	19	30	328	117	226	453	85	—	—	LEICESTER.
NOTTINGHAM.	296,137	21.5	68,000	41,060	1,211	1,049	558	—	104	34	24	28	58	282	153	244	636	35	49.0	19.74	NOTTINGHAM.
DERBY.	104,834	30.4	28,611	17,659	483	446	235	—	53	20	9	28	28	97	65	158	309	—	—	—	DERBY.
BIRKENHEAD.	113,189	32.4	34,229	19,690	638	393	285	—	30	32	49	8	38	128	51	135	264	15	—	—	BIRKENHEAD.
LIVERPOOL.	633,645	47.9	22,224	15,153	4,079	2,923	2,094	2	276	143	147	326	166	974	646	953	3,515	516	49.6	25.48	LIVERPOOL.
BOLTON.	922,495	52.0	7,776	2,598	635	643	368	—	31	23	8	45	38	213	67	207	255	7	—	—	BOLTON.
MANCHESTER.	558,079	41.8	17,591	11,066	3,459	2,229	1,673	—	271	65	53	170	125	389	416	861	2,351	99	—	—	MANCHESTER.
SALFORD.	215,702	31.4	17,415	4,884	1,387	813	867	—	99	62	32	130	80	464	145	303	799	50	—	—	SALFORD.
OLDHAM.	148,268	31.4	3,748	2,800	655	592	319	—	85	24	10	65	27	113	61	136	265	3	—	—	OLDHAM.
BURNLEY.	109,546	27.9	2,864	1,781	577	364	224	—	8	6	30	7	22	146	65	110	165	30	—	—	BURNLEY.
BLACKBURN.	133,228	19.1	3,595	2,451	741	540	342	—	50	16	31	5	32	208	91	139	238	81	—	—	BLACKBURN.
PRESTON.	116,356	28.5	3,596	2,245	808	475	356	—	20	4	8	61	43	238	54	73	219	66	—	—	PRESTON.
HUDDESFIELD.	102,454	8.6	2,295	1,627	351	488	164	—	32	10	13	11	10	88	58	84	174	35	48.5	30.79	HUDDESFIELD.
HALIFAX.	96,729	11.3	2,210	1,724	361	511	207	—	70	14	8	35	18	62	47	86	232	47	29.01	—	HALIFAX.
BRADFORD.	233,757	21.7	5,594	4,102	1,034	811	493	—	104	11	17	68	49	244	129	263	503	49	50.7	25.42	BRADFORD.
LEEDS.	416,618	19.3	12,968	7,983	2,865	1,644	1,385	—	191	119	223	161	92	507	262	649	926	31	50.3	22.47	LEEDS.
SHEFFIELD.	356,478	18.1	12,944	7,197	2,547	1,428	1,358	—	175	56	24	121	142	672	180	285	934	168	—	—	SHEFFIELD.
HULL.	233,867	25.6	7,666	4,209	1,197	882	686	—	92	28	17	68	53	423	181	326	610	57	48.2	22.23	HULL.
SUNDERLAND.	143,849	43.7	5,077	3,247	1,026	591	532	—	85	32	9	66	18	267	109	227	422	24	—	—	SUNDERLAND.
GATESHEAD.	103,775	33.1	3,679	2,133	767	378	321	3	51	19	10	66	18	154	52	137	132	65	—	—	GATESHEAD.
NEWCASTLE.	223,021	41.5	7,041	4,764	1,340	978	654	3	126	25	30	139	67	244	222	389	832	36	—	—	NEWCASTLE.

\* By "estimated" population is meant the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. The deaths in the provincial towns have been similarly corrected.

TABLE 2.—33 Towns.—Birth-rates, Death-rates, and Analysis of Mortality, in the 52 Weeks of 1898.

In this Table, 0·00 indicates that the deaths were too few to give a rate of 0·005; when no death occurred, — is inserted.

CITIES AND BOROUGH.	ANNUAL RATE PER 1000 PERSONS LIVING.										DEATHS under 1000 Births.	ANNUAL DEATH-RATE per 1000 living.		PERCENTAGE to Total Deaths.		CITIES AND BOROUGH.					
	Total Deaths.					Deaths from						Aged 60 Years and upwards.	Aged 1 to 60 Years.	Deaths in Public Institutions.	Uncertified (Causes of Death).						
	52 or 53 Weeks ending					Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.							Whooping- cough.	Kever.	Diarrhea.	Violence.	
	1st Jan. 1896.	2nd Jan. 1897.	3rd Jan. 1898.	4th Jan. 1899.	5th Jan. 1900.																6.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Cols.
33 TOWNS ..	30·3	20·7	18·9	19·1	19·0	2·85	0·00	0·56	0·14	0·31	0·42	0·20	1·22	0·71	178	10·2	71·2	7·5	20·8	1·2	.. 33 TOWNS.
LONDON*	29·5	19·9	18·6	18·2	18·7	2·78	0·00	0·68	0·13	0·39	0·48	0·13	0·97	0·78	167	10·2	69·8	9·0	29·0	0·6	LONDON.*
WEST HAM.	30·6	17·9	16·1	15·7	15·4	2·68	—	0·32	0·08	0·63	0·42	0·25	0·98	0·71	170	8·2	59·3	7·2	17·3	2·4	WEST HAM.
CROYDON ..	25·4	14·5	14·2	15·1	13·9	1·99	—	0·27	0·07	0·14	0·28	0·09	1·14	0·44	150	6·1	63·5	8·1	17·3	—	CROYDON.
BRIGHTON ..	24·8	18·9	16·1	15·1	16·9	2·36	—	0·67	0·06	0·17	0·17	0·15	1·14	0·47	181	8·3	58·3	7·1	19·3	0·5	BRIGHTON.
PLYMOUTH ..	26·7	17·8	16·6	16·2	16·3	2·16	—	0·37	0·17	0·30	0·23	0·23	0·86	0·52	156	8·6	60·4	6·3	16·5	1·0	PLYMOUTH.
PLYMOUTH ..	29·7	20·1	19·6	19·0	19·5	2·15	—	0·71	0·04	0·11	0·28	0·06	0·95	0·38	170	9·4	67·6	6·0	11·5	0·6	PLYMOUTH.
BRISTOL ..	28·6	18·1	16·9	17·2	17·2	2·64	—	0·97	0·04	0·14	0·36	0·08	1·10	0·55	164	8·7	65·4	7·9	16·2	0·7	BRISTOL.
CARDIFF ..	31·1	18·2	16·8	14·9	14·8	2·29	—	0·28	0·05	0·73	0·24	0·10	0·84	0·47	158	7·9	57·3	6·7	11·9	0·7	CARDIFF.
SWANSEA ..	28·9	18·3	16·8	15·8	18·6	3·21	—	0·87	0·11	1·22	0·39	0·13	0·58	0·58	184	10·8	62·4	6·4	7·9	1·5	SWANSEA.
WOLVERHAMPTON	35·8	24·4	20·0	22·0	21·3	3·19	—	0·22	0·26	0·43	0·10	0·23	1·95	0·57	200	10·7	66·0	6·5	13·1	1·1	WOLVERHAMPTON.
BIRMINGHAM ..	34·0	20·3	20·8	21·6	20·0	2·78	—	0·36	0·09	0·26	0·43	0·22	1·36	0·72	191	10·4	70·9	5·0	17·6	2·9	BIRMINGHAM.
NORWICH ..	29·9	19·3	17·4	18·8	19·0	3·26	—	0·67	0·21	0·13	0·33	0·40	1·52	0·48	192	8·5	63·6	5·8	11·8	0·8	NORWICH.
LEICESTER ..	29·6	17·2	16·7	17·7	16·9	3·35	—	1·03	0·21	0·30	0·09	0·14	1·58	0·66	191	8·2	67·4	6·4	12·9	2·4	LEICESTER.
NOTTINGHAM ..	28·9	19·0	17·5	18·8	17·7	2·37	—	0·44	0·14	0·10	0·25	0·24	1·20	0·65	178	8·9	64·6	5·9	15·3	0·8	NOTTINGHAM.
DERBY ..	27·4	16·7	15·7	16·0	16·8	2·26	—	0·51	0·13	0·09	0·27	0·27	0·93	0·62	169	8·6	75·1	9·0	17·6	—	DERBY.
BIRKENHEAD ..	30·4	19·5	19·2	18·3	17·4	2·53	—	0·27	0·28	0·43	0·07	0·34	1·14	0·45	186	9·1	63·8	6·9	13·4	0·8	BIRKENHEAD.
LIVERPOOL ..	35·2	28·8	22·7	24·4	24·0	3·22	0·00	0·44	0·23	0·23	0·52	0·26	1·54	0·84	184	14·1	83·0	6·3	23·2	3·4	LIVERPOOL.
BOLTON ..	30·9	24·0	20·7	22·0	19·4	2·93	—	0·25	0·19	0·07	0·37	0·31	1·74	0·77	168	10·6	88·1	8·7	10·8	0·8	BOLTON.
MANCHESTER ..	32·7	25·2	22·6	23·1	21·9	3·11	—	0·50	0·12	0·10	0·32	0·23	1·84	0·77	197	12·3	82·6	7·3	20·0	0·3	MANCHESTER.
SALFORD ..	34·7	25·6	22·6	23·9	22·7	4·03	—	0·46	0·29	0·15	0·37	0·37	2·16	0·76	212	12·5	79·7	6·2	16·4	1·0	SALFORD.
OLDHAM ..	25·3	22·0	20·3	19·2	17·6	2·15	—	0·57	0·16	0·07	0·44	0·15	0·76	0·41	175	9·9	77·3	5·2	11·3	1·0	OLDHAM.
BURNLEY ..	27·1	23·4	17·5	19·5	16·3	2·04	—	0·07	0·05	0·27	0·06	0·24	1·34	0·60	195	8·3	73·7	6·2	9·7	1·7	BURNLEY.
BLACKBURN ..	27·1	24·3	17·9	19·5	18·4	2·57	—	0·38	0·12	0·23	0·04	0·24	1·56	0·68	206	9·6	78·8	5·7	9·7	3·3	BLACKBURN.
PRESTON ..	31·0	23·9	20·8	24·4	19·3	3·07	—	0·02	0·03	0·07	0·53	0·37	2·05	0·47	225	9·1	71·4	3·3	9·8	2·9	PRESTON.
HUDDESFIELD ..	22·5	16·9	16·5	16·4	15·9	1·61	—	0·31	0·10	0·13	0·11	0·10	0·86	0·57	153	8·4	77·8	5·2	10·7	2·2	HUDDESFIELD.
HALIFAX ..	22·9	19·3	17·3	16·5	17·9	2·15	—	0·73	0·15	0·08	0·36	0·19	0·64	0·49	163	9·7	78·7	5·0	10·7	2·2	HALIFAX.
BRADFORD ..	31·0	19·9	16·8	17·4	17·6	3·12	—	0·46	0·05	0·07	0·29	0·21	1·05	0·55	185	9·7	74·3	6·4	12·3	1·2	BRADFORD.
LEEDS ..	33·2	20·5	18·8	19·9	19·2	2·72	0·00	0·45	0·29	0·54	0·39	0·22	1·22	0·63	182	10·4	73·1	8·1	11·6	0·4	LEEDS.
SHEFFIELD ..	33·9	20·8	18·9	21·2	20·2	3·82	—	0·19	0·16	0·07	0·62	0·40	1·89	0·53	195	10·5	77·6	4·7	13·0	2·3	SHEFFIELD.
HULL ..	33·4	20·8	18·9	18·6	18·4	2·90	—	0·40	0·12	0·07	0·30	0·25	1·85	0·79	182	8·8	70·9	7·7	14·5	1·4	HULL.
SUNDERLAND ..	35·4	21·8	19·8	19·7	22·6	3·69	0·01	0·59	0·22	0·06	0·47	0·30	1·86	0·76	202	12·5	71·8	7·0	13·0	0·7	SUNDERLAND.
GATESHEAD ..	35·5	19·6	19·1	18·3	20·6	3·10	0·03	0·49	0·18	0·10	0·64	0·47	1·48	0·50	208	10·3	73·4	6·4	16·2	0·3	GATESHEAD.
NEWCASTLE	31·7	20·5	18·5	19·1	21·4	2·84	0·01	0·57	0·11	0·13	0·62	0·30	1·10	1·00	190	12·0	85·1	8·2	17·5	0·7	NEWCASTLE.

\* See note (†) to Table 1.



TABLE 3.-33 Towns.—Death-rates per 1000 living from All Causes, and from the Principal Zymotic Diseases, and Infant Mortality.

in the Ten Years 1888-97, and in 1898.

In this Table 0.00 indicates that the deaths were too few to give a rate of 0.005; when no death occurred, — is inserted.

CITIES AND BOROUGHES.	ALL CAUSES.		SMALL-POX.		MEASLES.		SCARLET FEVER.		DIPHTHERIA.		WHOOPING-COUGH.		FEVER.		DIARRHŒA.		DEATHS UNDER ONE YEAR TO 1000 BIRTHS.		CITIES AND BOROUGHES.
	Ten years 1888-97.	1898.	Ten years 1888-97.	1898.	Ten years 1888-97.	1898.	Ten years 1888-97.	1898.	Ten years 1888-97.	1898.	Ten years 1888-97.	1898.	Ten years 1888-97.	1898.	Ten years 1888-97.	1898.			
33 TOWNS ..	20.4	19.0	0.02	0.00	0.59	0.56	0.25	0.14	0.31	0.31	0.52	0.42	0.20	0.20	0.86	1.22	167	178	.. 33 TOWNS.
LONDON* ..	19.7	18.7	0.01	0.00	0.62	0.68	0.23	0.13	0.48	0.39	0.56	0.48	0.15	0.13	0.67	0.97	155	167	LONDON* ..
WEST HAM ..	17.4	15.4	0.05	—	0.61	0.32	0.24	0.08	0.43	0.39	0.55	0.42	0.22	0.25	0.76	0.97	154	170	WEST HAM ..
CROYDON ..	14.4	13.9	0.00	—	0.36	0.27	0.07	0.07	0.29	0.17	0.30	0.28	0.11	0.09	0.47	1.14	128	181	CROYDON ..
BRIGHTON ..	17.5	16.9	—	—	0.35	0.67	0.07	0.06	0.17	0.14	0.33	0.17	0.12	0.15	0.66	1.14	148	181	BRIGHTON ..
PORTSMOUTH ..	17.4	16.3	0.01	—	0.46	0.37	0.09	0.17	0.17	0.30	0.33	0.28	0.23	0.23	0.82	0.86	150	166	PORTSMOUTH ..
PLYMOUTH ..	20.6	18.5	0.01	—	0.57	0.91	0.08	0.14	0.16	0.11	0.44	0.28	0.16	0.06	0.64	0.95	168	170	PLYMOUTH ..
BRISTOL ..	18.5	17.2	0.03	—	0.46	0.97	0.15	0.05	0.13	0.14	0.45	0.36	0.12	0.08	0.50	1.10	144	164	BRISTOL ..
CARDIFF ..	18.4	14.8	0.01	—	0.40	0.28	0.41	0.05	0.31	0.73	0.47	0.24	0.17	0.10	0.82	0.84	160	158	CARDIFF ..
SWANSEA ..	19.0	18.6	0.00	—	0.47	0.87	0.57	0.11	0.09	1.22	0.45	0.39	0.19	0.13	0.36	0.49	157	184	SWANSEA ..
WOLVERHAMPTON ..	22.0	21.3	0.01	—	0.44	0.22	0.25	0.26	0.30	0.48	0.47	0.10	0.23	0.23	1.20	1.05	188	200	WOLVERHAMPTON ..
BIRMINGHAM ..	20.7	20.0	0.05	—	0.51	0.36	0.43	0.09	0.21	0.28	0.55	0.49	0.16	0.22	1.11	1.36	180	191	BIRMINGHAM ..
NORWICH ..	19.4	19.0	—	—	0.34	0.67	0.16	0.21	0.21	0.13	0.43	0.33	0.24	0.40	0.87	1.52	175	192	NORWICH ..
LEICESTER ..	18.8	18.9	0.01	—	0.41	1.03	0.19	0.14	0.08	0.30	0.39	0.25	0.24	0.14	1.40	1.58	199	191	LEICESTER ..
NOTTINGHAM ..	17.7	17.7	0.01	—	0.41	0.44	0.19	0.14	0.08	0.10	0.43	0.25	0.20	0.24	0.98	1.20	174	178	NOTTINGHAM ..
DERBY ..	17.4	16.8	0.02	—	0.34	0.51	0.17	0.19	0.13	0.09	0.59	0.27	0.20	0.27	0.70	0.93	152	169	DERBY ..
BIRKENHEAD ..	19.5	17.4	0.00	—	0.54	0.27	0.17	0.28	0.19	0.43	0.51	0.07	0.32	0.34	0.75	1.14	166	188	BIRKENHEAD ..
LIVERPOOL ..	25.5	24.0	0.01	0.00	0.70	0.44	0.45	0.23	0.17	0.23	0.62	0.52	0.35	0.26	1.17	1.54	180	184	LIVERPOOL ..
BOLTON ..	22.8	19.4	0.01	—	0.79	0.25	0.31	0.19	0.12	0.07	0.63	0.37	0.29	0.31	1.26	1.74	170	188	BOLTON ..
MANCHESTER ..	24.8	21.9	0.02	—	0.86	0.50	0.35	0.12	0.05	0.10	0.61	0.30	0.26	0.23	1.10	1.84	185	197	MANCHESTER ..
SALFORD ..	24.5	22.7	0.01	—	0.99	0.46	0.47	0.29	0.41	0.15	0.75	0.60	0.41	0.37	1.40	2.16	198	212	SALFORD ..
OLDHAM ..	21.8	17.6	0.10	—	0.71	0.57	0.26	0.16	0.16	0.07	0.51	0.41	0.16	0.12	1.40	0.76	178	195	OLDHAM ..
BURNLEY ..	21.0	16.3	0.01	—	0.65	0.77	0.29	0.05	0.22	0.27	0.38	0.06	0.26	0.23	1.29	1.34	209	175	BURNLEY ..
BLACKBURN ..	22.6	18.4	0.02	—	0.97	0.38	0.34	0.12	0.05	0.23	0.50	0.04	0.27	0.24	1.23	1.56	201	208	BLACKBURN ..
PRESTON ..	24.8	19.3	0.05	—	0.92	0.02	0.20	0.03	0.13	0.07	0.55	0.33	0.37	0.37	2.05	2.05	234	225	PRESTON ..
HUDDERSFIELD ..	18.3	15.9	0.00	—	0.43	0.31	0.23	0.10	0.13	0.13	0.36	0.11	0.13	0.10	0.30	0.86	158	163	HUDDERSFIELD ..
HALEFAX ..	19.3	17.9	0.06	—	0.38	0.73	0.15	0.15	0.14	0.08	0.28	0.36	0.16	0.19	0.25	0.64	158	163	HALEFAX ..
BRADFORD ..	19.5	17.6	0.07	—	0.46	0.45	0.24	0.05	0.07	0.07	0.43	0.39	0.15	0.21	0.95	1.05	171	185	BRADFORD ..
LEEDS ..	20.8	19.2	0.01	0.00	0.56	0.46	0.20	0.29	0.21	0.54	0.43	0.39	0.22	0.22	1.10	1.22	178	182	LEEDS ..
SHEFFIELD ..	21.4	20.2	0.12	—	0.55	0.49	0.36	0.16	0.16	0.26	0.51	0.62	0.23	0.40	1.21	1.89	180	186	SHEFFIELD ..
HULL ..	19.8	18.4	0.02	—	0.47	0.40	0.17	0.12	0.07	0.07	0.37	0.30	0.24	0.25	1.79	1.85	173	182	HULL ..
SUNDERLAND ..	21.7	22.6	0.01	—	0.47	0.38	0.59	0.22	0.08	0.06	0.46	0.47	0.49	0.48	1.12	1.38	166	202	SUNDERLAND ..
GATESHEAD ..	19.6	20.6	0.00	0.03	0.60	0.49	0.21	0.18	0.13	0.10	0.53	0.64	0.22	0.17	1.01	1.49	166	166	GATESHEAD ..
NEWCASTLE ..	20.6	21.4	0.00	0.01	0.50	0.57	0.14	0.11	0.20	0.13	0.50	0.62	0.15	0.30	0.69	1.10	167	180	NEWCASTLE ..

\* See note (†) to Table 1.

## Thirty-three Great Towns: Weekly Mortality.

TABLE 4.—33 Towns.—Mean Temperature at Greenwich, and

Number of Week.	WEEK ENDING	MEAN TEM- PERATURE AT GREEN- WICH.		ANNUAL RATE OF													
		Fahrenheit.	Centigrade.	THIRTY-THREE TOWNS.	LONDON.*	WEST HAM.	CROYDON.	BRIGHTON.	PORTSMOUTH.	PLYMOUTH.	BRISTOL.	CARDIFF.	SWANSEA.	WOLVERHAM- TON.	BIRMINGHAM.	NORWICH.	LEICESTER.
	YEAR	51'3	10'72	19'0	18'7	15'4	13'9	16'9	16'3	19'5	17'2	14'8	18'6	21'3	20'0	19'0	16'9
	1st Quarter	41'5	5'28	20'6	21'7	16'3	15'7	19'8	17'9	21'4	21'1	17'5	23'4	22'5	21'9	20'4	17'8
	2nd "	52'4	11'33	17'1	16'4	12'1	11'7	12'7	13'2	18'0	15'1	12'6	15'3	17'1	17'7	15'7	15'9
	3rd "	62'7	17'06	20'3	19'4	17'5	16'2	18'0	17'3	20'2	16'6	15'9	16'0	25'1	21'1	20'4	18'6
	4th "	48'5	9'17	18'1	17'2	15'7	11'9	17'1	16'8	18'5	16'1	13'4	20'6	20'4	19'3	19'4	15'4
1	January 8	43'4	6'33	21'4	23'0	17'8	18'4	16'6	16'5	26'8	17'9	12'6	21'5	18'4	23'7	27'5	17'5
2	" 15	41'8	5'44	20'6	22'9	17'8	13'8	18'8	14'8	23'7	15'6	12'6	13'3	29'6	22'2	28'9	17'2
3	" 22	45'1	7'28	20'6	23'4	15'3	15'1	18'3	16'2	18'9	16'0	13'5	14'8	21'9	21'1	19'1	16'2
4	" 29	42'4	5'78	18'7	20'4	15'8	11'3	22'6	19'3	18'9	17'1	13'8	15'8	29'6	22'4	22'9	15'2
5	February 5	44'0	6'67	19'2	21'5	13'6	18'0	17'1	21'5	23'7	19'3	18'2	15'8	16'0	21'4	15'9	16'2
6	" 12	43'0	6'11	20'7	22'2	16'7	11'3	24'3	19'8	26'3	24'0	14'1	28'1	14'8	22'5	23'3	18'0
7	" 19	42'7	5'94	20'4	21'5	15'6	21'0	16'6	19'6	22'1	24'5	22'9	25'0	29'0	20'6	18'7	16'0
8	" 26	37'6	3'11	20'9	21'9	16'2	12'6	15'3	19'8	17'4	21'2	17'3	22'5	30'2	21'6	15'9	21'0
9	March 5	38'9	3'83	20'7	20'9	15'3	19'7	23'4	17'6	23'1	25'0	21'4	23'5	22'5	24'0	18'7	21'7
10	" 12	37'7	3'17	21'1	21'5	17'5	18'4	20'0	18'2	14'7	23'5	18'5	29'1	16'0	21'6	14'5	17'0
11	" 19	45'7	7'61	21'8	21'6	17'8	13'8	20'5	15'6	16'3	23'5	23'5	27'1	22'5	23'8	25'7	19'0
12	" 26	37'5	3'06	20'2	20'0	18'2	15'5	24'7	17'6	24'2	23'9	21'1	31'2	16'6	19'2	15'9	17'2
13	April 2	40'7	4'83	21'5	21'8	14'7	15'5	19'6	16'8	22'6	22'4	17'6	25'6	25'5	21'3	18'2	18'5
14	" 9	49'3	9'61	20'2	19'6	14'7	18'0	17'5	12'6	23'7	19'7	15'3	16'4	19'5	22'9	15'9	21'0
15	" 16	49'3	9'61	19'5	19'1	13'6	17'2	15'8	12'6	19'5	17'4	16'7	14'8	21'9	18'1	20'5	24'2
16	" 23	46'4	8'00	18'1	17'9	14'7	8'4	13'6	10'9	15'3	16'6	14'4	13'8	17'2	18'9	20'1	18'5
17	" 30	48'3	9'06	18'4	17'2	15'5	14'7	14'9	14'0	18'4	16'9	10'3	14'8	13'0	17'4	19'6	18'2
18	May 7	51'9	11'06	17'4	16'9	12'4	10'9	14'9	12'6	15'3	15'5	13'9	13'3	17'8	18'8	15'9	16'0
19	" 14	50'7	10'39	16'6	15'7	10'0	14'7	10'2	16'8	20'0	11'8	11'7	18'4	17'2	17'6	17'7	15'5
20	" 21	49'0	9'44	18'4	15'7	9'8	9'2	10'7	8'9	15'8	15'8	8'8	16'4	23'7	16'7	17'7	15'2
21	" 28	54'7	12'61	16'5	16'0	10'4	8'0	11'1	12'9	15'8	13'2	13'5	11'8	10'1	17'6	13'1	13'0
22	June 4	51'9	11'06	16'8	16'1	11'5	11'3	11'1	15'9	17'9	15'5	15'5	14'3	19'0	18'3	19'1	12'2
23	" 11	60'2	15'67	16'9	16'3	12'6	8'4	11'1	16'8	17'9	16'9	12'3	18'4	13'6	17'2	10'3	19'7
24	" 18	55'2	12'89	14'7	13'8	9'6	9'6	12'4	11'2	17'4	10'7	8'5	14'8	17'2	15'0	14'0	9'2
25	" 25	60'5	15'83	15'1	14'5	9'6	10'9	11'1	12'9	20'0	13'7	12'9	16'9	13'6	16'2	10'3	12'5
26	July 2	59'3	15'17	14'9	14'5	12'6	10'9	11'1	14'0	17'4	12'2	10'6	14'3	19'0	15'0	10'3	11'7
27	" 9	60'0	15'56	14'7	14'3	16'6	12'6	10'2	11'5	17'9	12'3	9'4	15'3	11'3	15'1	13'5	14'2
28	" 16	61'9	16'61	14'7	14'1	12'7	9'2	11'5	8'7	16'8	12'2	14'7	16'4	17'2	12'9	14'0	12'0
29	" 23	62'8	17'11	15'6	15'4	12'4	4'6	15'3	16'2	16'8	12'3	11'4	16'9	16'0	17'2	16'3	14'2
30	" 30	61'0	16'11	17'2	16'8	16'4	13'4	11'9	21'8	13'7	10'7	9'4	12'3	21'3	19'5	17'3	15'7
31	August 6	63'8	17'67	18'3	18'4	16'4	14'7	10'2	16'8	24'2	13'2	16'7	16'4	20'1	20'0	14'5	16'5
32	" 13	61'9	16'61	20'5	20'5	23'5	17'2	17'1	21'8	23'7	14'8	15'0	14'3	27'8	21'6	17'3	20'2
33	" 20	69'5	20'83	22'0	23'4	20'4	18'0	16'6	21'5	16'3	17'3	17'3	13'8	24'3	24'1	14'5	17'7
34	" 27	65'4	18'56	23'2	21'5	20'4	21'0	17'5	20'1	24'2	19'1	18'2	16'9	38'5	24'4	21'0	24'0
35	Sept. 3	61'1	16'17	24'4	22'0	21'6	21'8	22'2	17'3	18'9	24'5	19'1	18'4	36'7	29'5	28'0	26'2
36	" 10	70'4	21'33	24'6	23'2	19'5	26'8	27'7	17'3	27'4	20'2	16'4	17'4	30'2	23'1	27'5	23'5
37	" 17	66'4	19'11	24'0	21'2	15'1	16'3	26'9	16'5	22'1	19'4	22'0	15'8	33'2	20'9	28'9	23'0
38	" 24	57'2	14'00	23'6	21'6	16'2	21'8	24'3	15'9	19'5	22'2	21'1	16'4	26'1	22'6	26'1	18'5
39	October 1	52'9	11'61	21'8	19'7	16'4	13'8	22'6	19'0	21'0	17'6	15'5	17'9	23'7	23'9	25'7	18'5
40	" 8	56'1	13'39	20'5	18'8	17'8	12'2	14'9	15'6	23'1	17'6	12'6	19'4	24'3	19'9	27'5	18'5
41	" 15	49'5	9'72	19'0	18'5	15'3	11'7	10'2	13'1	18'4	16'8	13'2	22'5	20'1	20'7	28'5	14'5
42	" 22	55'3	12'94	18'8	17'3	15'1	14'7	14'9	19'8	20'0	12'8	11'4	18'4	18'0	14'9	22'9	14'7
43	" 29	55'5	13'06	17'9	16'3	12'9	9'6	14'5	15'9	15'8	14'3	15'0	18'9	24'9	21'3	14'0	15'5
44	Nov. 5	49'8	9'89	17'0	16'1	14'7	6'7	20'0	15'1	20'5	13'0	13'2	18'4	18'4	18'8	17'7	16'7
45	" 12	49'6	9'78	17'3	16'3	14'9	11'3	19'2	17'6	19'5	13'7	12'3	22'5	19'0	18'0	21'5	14'5
46	" 19	48'0	8'89	17'0	16'6	13'8	8'8	14'5	16'2	15'8	16'0	12'0	17'4	23'1	15'9	18'2	16'0
47	" 26	41'7	5'39	17'4	16'7	14'7	11'3	21'3	17'3	12'6	16'9	12'3	13'3	24'3	26'1	18'5	19'1
48	Dec. 3	44'1	6'72	19'0	18'2	21'1	17'2	20'5	19'3	18'4	18'1	15'3	20'4	27'8	21'3	16'3	14'2
49	" 10	49'4	9'67	17'8	16'7	13'6	12'6	20'0	30'7	17'9	18'4	16'4	23'0	16'0	18'9	14'9	15'7
50	" 17	48'0	8'89	16'6	16'5	16'4	11'7	14'1	16'8	17'9	15'3	14'7	21'5	15'4	15'7	15'9	14'0
51	" 24	40'1	4'50	17'8	17'0	14'7	13'8	18'8	14'2	18'4	17'8	10'6	30'2	12'4	19'0	15'4	12'5
52	" 31	43'3	6'28	19'1	18'4	19'5	12'6	18'8	16'2	22'6	16'5	14'1	21'0	24'3	20'9	19'6	15'2

\* See note (†) to Table 1.



Annual Rate of Mortality in each Town, in each Week of 1898.

MORTALITY PER 1000 IN

NOTTINGHAM.	DERBY.	BIRKENHEAD.	LIVERPOOL.	BOLTON.	MANCHESTER.	SALFORD.	OLDHAM.	BURNLEY.	BLACKBURN.	PRESTON.	HUDDERSFIELD.	HALIFAX.	BRADFORD.	LEEDS.	SHEFFIELD.	HULL.	SUNDERLAND.	GATESHEAD.	NEWCASTLE.	Number of Week.
17.7	16.8	17.4	24.0	19.4	21.9	22.7	17.6	16.3	18.4	19.3	15.9	17.9	17.6	19.2	20.2	18.4	22.6	20.6	21.4	
19.8	17.8	17.2	23.5	19.4	21.2	20.5	18.8	17.1	18.3	18.3	17.3	20.0	18.7	19.3	19.8	18.9	19.8	19.9	18.5	
15.3	16.5	15.2	23.0	16.5	20.0	19.6	17.6	14.7	16.3	16.0	15.7	18.8	17.1	18.9	18.0	15.6	22.2	20.1	22.6	
17.5	17.9	20.5	26.3	22.1	24.1	28.7	16.1	17.3	19.4	22.3	15.6	16.6	18.1	20.6	23.8	21.7	27.5	23.3	23.9	
18.1	15.1	16.9	23.1	19.5	22.3	22.0	17.8	16.1	19.7	20.8	15.0	16.1	16.6	18.0	19.4	17.3	21.0	19.2	20.8	
19.2	23.4	17.5	22.4	20.4	22.7	24.4	15.8	21.4	25.0	21.1	23.9	18.9	19.2	20.9	18.9	17.5	18.8	23.6	18.0	1
14.8	19.4	12.9	25.3	17.9	20.6	19.6	16.5	14.8	20.0	18.4	12.2	21.6	14.3	19.8	18.9	17.9	20.7	17.1	19.4	2
19.0	17.4	10.6	22.8	19.2	20.6	19.3	15.5	19.0	19.2	22.0	15.8	20.5	20.5	20.2	19.7	18.1	20.3	19.1	15.9	3
17.2	14.4	14.7	18.8	16.2	17.9	20.5	13.0	14.8	20.0	12.5	12.2	22.1	17.4	16.1	20.0	14.1	15.6	12.6	17.3	4
17.4	13.4	18.0	20.2	11.1	17.3	17.6	20.4	18.1	15.7	16.1	15.3	16.2	14.1	18.4	17.4	17.5	15.2	15.6	15.9	5
15.7	16.4	18.4	21.1	17.5	22.3	21.3	17.9	15.7	16.0	17.0	17.8	22.1	14.9	17.3	19.7	18.4	22.1	22.6	21.3	6
18.3	20.4	17.5	23.4	20.4	20.5	21.5	15.5	15.2	14.5	13.9	21.4	22.1	19.9	17.1	18.3	18.1	14.9	20.1	17.8	7
22.5	12.9	20.9	24.9	26.0	21.7	21.3	15.8	20.5	17.6	17.9	19.3	18.9	14.5	22.3	20.9	18.4	18.1	25.1	18.7	8
23.2	18.4	16.6	22.9	17.0	22.6	20.1	17.6	18.1	15.7	13.0	17.3	19.4	16.5	19.6	20.2	18.8	23.9	26.1	17.5	9
24.3	17.9	15.7	25.1	22.1	22.9	19.8	22.2	13.8	20.4	17.9	20.4	17.2	20.1	18.3	20.9	22.2	24.6	26.1	21.5	10
22.7	13.9	19.8	25.7	22.6	24.6	21.3	30.9	19.7	18.0	19.7	17.3	23.1	23.4	18.8	22.8	25.6	20.7	15.6	19.2	11
21.4	12.9	16.6	23.0	19.2	18.9	20.5	25.0	15.2	14.5	25.1	17.3	20.5	25.4	18.3	20.9	20.6	22.5	19.1	19.9	12
21.2	20.9	24.9	30.7	22.6	23.2	19.6	18.6	20.9	21.9	22.9	15.3	18.3	22.8	24.4	19.3	18.1	19.9	15.6	17.3	13
19.9	23.4	17.0	27.7	20.4	18.7	25.6	14.1	20.5	17.2	21.1	20.4	18.9	21.9	23.5	23.0	20.9	19.9	16.1	22.9	14
16.1	18.4	16.1	27.5	14.0	22.0	24.6	17.1	18.8	12.5	16.3	23.2	21.4	22.0	16.5	19.3	18.5	25.6	26.0	15	15
17.9	16.4	17.0	22.7	14.9	20.2	14.4	15.7	19.6	16.6	16.8	17.8	20.5	20.5	19.5	15.7	18.6	18.6	26.6	23.6	16
13.9	20.4	15.2	30.0	20.9	18.1	17.4	20.7	16.2	20.4	20.2	17.3	23.7	20.3	18.6	21.1	18.6	26.8	26.6	22.4	17
16.3	17.9	13.8	26.2	13.6	20.4	17.9	21.1	13.3	19.2	17.5	20.9	14.0	16.5	18.3	17.8	14.1	20.3	20.1	20.8	18
15.5	18.9	14.3	22.6	22.1	21.8	16.9	19.7	18.1	11.7	12.5	15.8	22.1	16.5	18.6	18.9	17.0	16.7	17.1	15.9	19
12.8	14.4	14.7	22.6	21.3	19.5	21.3	15.1	12.4	16.4	15.2	15.8	13.5	15.2	20.8	17.8	13.2	24.3	16.6	23.6	20
15.2	14.4	14.7	22.6	18.3	21.9	16.9	17.6	15.7	14.5	15.7	15.3	29.1	16.3	17.1	16.2	15.2	22.2	22.1	23.2	21
16.6	9.9	16.6	22.7	10.6	20.3	18.9	15.1	11.9	12.5	17.9	14.3	18.3	14.7	19.5	16.8	13.4	24.6	23.1	24.3	22
14.6	18.4	16.1	20.4	16.6	20.3	20.8	19.3	16.2	14.9	17.5	14.3	19.4	16.3	17.4	18.4	12.2	23.6	19.6	24.1	23
13.2	13.4	13.4	18.5	13.6	19.3	15.8	9.5	17.6	19.7	14.8	17.2	15.8	17.5	15.2	13.6	18.1	20.6	22.2	24.2	24
12.1	12.9	16.6	17.4	14.5	19.9	18.4	16.2	11.4	13.3	13.0	11.7	14.9	14.1	16.1	15.7	14.5	21.4	16.6	24.3	25
14.6	15.9	11.5	18.4	13.2	17.0	18.4	14.4	12.9	16.0	9.0	11.2	12.6	12.5	15.6	17.0	15.2	22.8	18.6	20.8	26
11.5	11.9	11.5	17.3	14.0	17.0	17.2	13.7	10.9	13.3	12.5	9.7	14.0	14.1	16.8	17.1	14.3	21.4	18.1	20.3	27
13.7	9.5	14.3	18.8	22.6	19.0	19.3	10.5	14.3	9.0	15.2	13.7	15.6	14.7	14.5	17.6	12.9	18.1	12.6	22.9	28
11.3	14.9	18.9	21.1	12.8	17.6	23.9	13.4	14.4	14.9	14.3	10.7	11.3	14.5	17.5	16.1	10.9	17.0	19.6	16.8	29
14.4	13.4	25.3	23.0	14.0	19.0	27.3	19.0	11.9	11.0	11.2	14.8	23.7	13.6	16.6	21.9	17.2	19.6	15.1	17.8	30
15.7	12.9	16.6	24.4	14.9	21.3	25.6	10.9	11.9	17.6	17.5	10.2	14.6	15.2	19.9	22.4	12.0	23.9	14.1	21.0	31
15.5	14.4	24.9	27.7	17.0	21.0	29.0	16.2	13.8	13.7	29.1	16.3	14.0	17.2	22.2	24.9	18.4	18.5	14.6	17.5	32
14.8	19.4	18.0	31.1	22.6	22.6	23.9	12.7	12.4	20.7	26.4	13.7	8.6	16.3	24.7	26.9	19.3	22.1	16.1	18.2	33
16.8	28.8	29.0	30.9	24.3	24.4	28.8	16.4	22.4	22.3	32.3	13.7	17.8	18.3	25.7	18.8	25.7	27.9	21.6	26.7	34
21.6	23.4	22.1	30.9	31.1	30.0	36.7	17.2	18.1	25.0	30.9	15.3	15.1	21.6	22.0	27.7	27.9	37.0	31.2	29.5	35
23.0	23.4	23.0	29.7	24.7	30.4	35.5	17.2	21.9	31.3	30.5	19.8	18.9	21.9	23.5	24.6	30.2	35.5	30.1	33.9	36
25.2	20.9	20.3	29.6	37.0	31.0	34.8	20.4	30.5	30.5	24.2	27.0	18.9	24.0	29.3	24.0	29.3	40.6	37.2	30.9	37
23.8	18.9	23.5	29.0	29.4	32.4	35.8	21.8	25.2	23.9	23.3	20.4	18.9	21.9	20.4	26.0	31.5	37.0	38.7	28.5	38
20.8	20.9	19.3	28.5	23.4	28.1	35.5	20.0	19.5	19.6	22.9	17.3	24.3	21.6	19.9	25.5	28.8	32.3	33.7	26.4	39
16.1	18.9	18.0	29.0	21.7	25.7	27.6	24.3	20.5	19.6	24.2	17.3	20.5	19.6	18.6	20.9	24.3	30.4	23.1	24.3	40
16.3	13.9	13.8	21.9	17.0	25.1	25.6	17.6	16.2	20.0	15.7	18.3	15.1	17.4	19.8	20.5	24.0	25.7	18.1	23.6	41
20.5	13.9	17.5	24.4	17.9	23.5	30.2	16.9	16.7	12.5	21.5	11.7	20.5	14.3	19.4	23.3	20.9	25.7	22.6	26.4	42
15.2	13.9	19.8	26.6	20.0	23.0	23.3	16.9	20.9	24.3	20.6	12.7	13.5	16.5	15.1	22.5	16.3	23.2	22.1	19.6	43
18.5	10.4	14.3	22.2	16.6	21.7	21.3	16.2	16.7	20.7	18.8	12.2	13.5	13.8	18.6	17.8	16.8	18.1	16.6	18.7	44
16.6	11.9	20.7	22.5	17.5	21.5	19.6	16.9	12.4	18.0	23.3	15.8	15.6	15.2	18.4	16.8	18.4	15.4	22.2	18.9	45
16.1	10.9	18.0	22.6	15.8	19.4	20.0	11.6	16.2	20.4	24.2	15.8	18.3	16.3	16.5	17.8	12.0	17.0	15.6	22.4	46
18.3	24.9	13.4	22.3	19.2	19.9	19.6	20.0	13.8	18.4	21.5	12.2	13.5	14.3	18.1	16.5	14.3	20.3	21.6	18.0	47
18.1	23.4	18.9	21.3	21.7	21.7	24.2	17.2	12.4	22.3	20.6	21.9	13.5	18.7	17.4	18.1	16.1	15.9	17.1	24.8	48
19.2	12.4	20.3	22.0	27.2	20.1	18.4	15.8	20.9	20.4	21.1	13.2	17.8	16.1	18.8	16.8	15.4	23.2	15.6	18.7	49
21.9	10.9	15.2	19.9	15.3	20.9	15.5	14.4	12.4	18.4	17.9	15.8	13.5	14.9	16.8	18.4	12.0	21.7	14.6	14.3	50
20.8	13.4	14.3	22.1	21.3	23.0	25.4	20.4	13.8	17.6	21.1	14.8	19.4	16.3	17.8	18.4	15.0	17.0	15.6	18.9	51
17.2	16.9	15.7	23.1	23.0	23.3	17.4	23.6	16.2	23.5	19.3	13.7	14.6	17.8	18.8	19.2	19.3	19.2	24.6	21.3	52

TABLE 5.—Sixty-seven other large Towns.—Population; Persons to an Acre; Births and Deaths in 1898.

The DEATHS registered in the year include												TOWNS* (Urban Districts).											
DEATHS of			DEATHS from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.								
Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.													
POPULATION, estimated to the Middle of 1898.	Persons to an Acre, 1898.	BIRTHS.	DEATHS.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	Cols.	67 Towns.  Dover. Hastings. Eastbourne. Bournemouth. Southampton. Reading. Willenden. Hornsey. Tottenham. Oxford. Northampton. Cambridge.  Leyton. Walthamstow Colchester. Ipswich. Great Yarmouth.  Exeter. Devonport. Bath.  Gloucester. Cheltenham. Longton. Hanley. Burton-upon-Trent. Walsall. West Bromwich. Dudley. Worcester. Smethwick. Aston Manor. Coventry.
3,911,807	13.4	115,138	67,162	19,954	16,022	9446	203	1594	397	1102	1040	831	4279	2227	3939	7012	1151						
35,891	21.6	1060	634	174	208	82	—	12	4	4	7	2	53	25	35	84	36						
75,222	16.8	1337	1044	186	408	95	—	16	8	18	6	3	4	39	95	95	20						
48,910	9.0	941	482	131	134	62	—	20	1	11	3	4	23	14	64	41	4						
63,187	24.3	718	617	89	196	22	—	17	3	27	1	—	18	13	20	63	8						
68,455	20.3	2839	1706	453	482	266	—	17	—	57	28	24	137	59	154	188	—						
69,477	11.8	1852	1008	286	301	111	—	33	—	5	—	—	2	29	58	148	19						
109,178	24.9	3125	1250	430	269	240	—	46	9	63	30	8	84	28	46	132	33						
62,918	22.4	1343	607	159	187	66	—	14	—	12	8	4	28	9	37	34	—						
88,440	29.4	2712	1294	488	282	211	—	27	4	29	40	17	94	55	134	110	7						
49,632	10.5	1160	662	140	250	33	—	27	—	4	4	2	24	21	45	118	3						
68,622	52.3	1895	1053	298	286	136	—	34	15	3	4	12	2	35	49	163	29						
33,204	11.8	884	623	142	201	86	—	33	—	6	18	9	67	12	40	120	2						
82,647	32.2	2482	1161	390	263	216	—	43	6	28	24	18	97	27	90	97	4						
80,901	18.4	2346	1097	306	196	232	—	41	2	45	29	9	105	30	65	91	2						
39,870	8.5	989	589	131	157	107	—	16	—	24	31	7	29	23	49	73	—						
63,015	7.8	1881	1048	304	305	214	—	48	1	8	30	7	120	27	74	93	3						
51,283	14.4	1415	1102	303	329	227	—	22	12	37	17	45	94	47	88	141	3						
37,404	19.9	868	622	132	246	41	—	1	—	6	9	7	18	9	55	78	—						
59,489	33.8	1641	950	228	287	91	—	32	1	4	15	13	3	24	24	66	61						
51,844	15.3	1010	841	138	363	49	—	15	—	4	—	3	14	40	61	173	7						
41,803	29.1	1314	724	187	193	76	—	1	5	17	9	3	41	35	47	103	20						
46,478	9.8	1097	814	155	351	70	—	15	20	6	5	16	30	26	44	143	25						
37,927	19.5	1411	1014	333	133	237	—	20	2	105	9	3	88	24	41	158	20						
60,274	34.1	2073	1269	468	226	163	—	62	5	11	9	15	30	30	52	73	33						
52,063	12.3	1463	727	202	170	88	—	31	10	11	3	3	36	20	32	70	25						
62,358	11.0	2869	1493	468	928	190	—	41	16	11	17	22	114	71	85	141	11						
43,358	10.6	2272	1277	412	260	210	—	41	19	11	34	18	97	46	85	153	10						
45,358	12.8	1747	1168	367	248	262	—	131	7	10	29	2	105	31	60	122	16						
44,860	14.1	1262	779	171	367	245	—	19	7	29	—	3	25	94	47	92	55						
47,096	24.4	94	773	175	159	94	—	28	3	4	10	9	15	14	34	31	55						
81,651	85.4	2528	1269	475	263	208	—	7	28	8	10	15	143	34	39	58	49						
59,302	19.2	1918	1047	383	271	237	—	24	11	12	4	6	180	35	48	125	20						

\* See note (f) to Table 1.



TABLE 5 (continued).—Sixty-seven other large Towns.—Population; Persons to an Acre; Births and Deaths in 1898.

The DEATHS registered in the year include																							
TOWNS* (Urban Districts).	Cols.	POPULATION, estimated to the Middle of 1898.			Persons to an Acre, 1898.		BIRTHS.		DEATHS.		DEATHS from										Deaths in Public Institutions.	Unregistered Causes of Death.	TOWNS* (Urban Districts).
		1.	2.	3.	4.	DEATHS of		Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.																
Lincoln	..	44,810	12'0	1167	778	211	260	108	—	18	1	—	22	7	60	20	31	74	15	18.			
Grimsby	..	62,745	22'2	1883	998	407	184	128	—	2	3	11	6	25	81	32	83	79	17	15			
Stockport	..	79,213	36'0	2383	1650	546	329	235	—	55	10	3	18	19	130	43	95	173	3	3			
Macclesfield	..	41,956	10'9	1456	684	157	258	49	—	9	4	—	19	5	30	24	31	47	5	5			
Cheshire	..	37,332	12'6	1092	820	188	253	83	—	10	13	4	10	4	18	21	60	161	23	11			
Wallasey	..	46,041	13'5	1319	803	223	303	65	—	6	13	4	19	9	34	36	78	212	31	23			
Bootle	..	52,873	33'1	1770	1115	329	197	184	1	6	15	11	25	32	94	64	68	170	84	31			
St. Helens	..	35,119	11'7	3214	1614	575	222	280	—	19	26	3	6	7	155	17	54	16	19	16			
Southport	..	49,680	13'6	979	743	136	258	43	—	7	16	3	28	16	40	17	38	123	73	19			
Wigan	..	60,553	37'7	2120	1157	367	183	154	—	23	23	5	19	13	58	37	67	106	16	8			
Bury	..	64,918	20'7	2359	1141	398	206	152	—	22	9	5	24	13	54	37	49	98	16	16			
Ashton-under-Lyne	..	53,092	9'8	1471	1075	275	231	111	—	15	3	2	19	13	70	29	72	146	51	18			
Rochdale	..	43,141	32'2	1866	866	231	234	91	—	4	4	4	9	13	49	48	28	30	14	4			
Accrington	..	73,297	17'5	1890	1372	252	429	98	—	12	11	8	9	6	27	17	29	18	12	12			
Darwen	..	44,802	13'1	1034	691	205	150	82	—	30	11	4	—	25	45	36	37	55	42	42			
Barrow-in-Furness	..	37,827	6'3	1131	630	199	140	82	—	26	1	4	12	10	36	27	—	—	—	—			
	..	55,201	5'0	1528	803	260	127	132	—	66	4	4	—	—	—	—	—	—	—	—			
Keighley	..	40,048	10'3	1194	734	155	155	87	—	4	4	4	4	15	19	15	15	101	31	31			
Wakefield	..	37,637	14'5	892	623	163	145	67	—	6	6	—	17	6	31	32	55	96	88	—			
Barnsley	..	40,180	16'8	1365	885	185	185	170	—	23	1	4	37	20	85	36	59	88	24	—			
Rotherham	..	48,274	8'0	1790	886	266	173	184	—	28	12	3	11	16	118	33	50	98	—	—			
York	..	72,055	19'3	2253	1384	392	396	149	1	28	8	2	6	8	88	33	65	184	4	4			
Scarborough	..	36,368	15'5	993	674	142	240	43	—	—	2	5	3	3	26	18	58	59	—	—			
Middlesbrough	..	33,910	33'3	2806	1939	559	260	433	199	65	8	20	9	33	99	56	85	332	35	35			
Darlington	..	40,358	10'2	1182	674	167	183	81	1	26	—	3	3	8	40	20	23	61	25	25			
Stockton-on-Tees	..	56,490	18'6	1594	913	292	195	112	1	10	4	6	6	6	76	32	63	70	22	22			
West Hartlepool	..	58,033	20'9	1862	870	294	162	92	1	1	2	7	2	4	75	26	48	68	14	14			
South Shields	..	98,922	53'8	3337	1979	594	365	270	1	55	21	—	72	37	85	74	142	199	24	24			
Jarrow	..	41,217	56'6	1184	663	207	107	81	—	3	—	2	41	8	27	30	52	64	6	6			
Tynemouth	..	48,465	11'2	1692	874	257	223	60	—	13	—	1	10	3	32	30	60	89	6	6			
Carlisle	..	41,168	20'3	1307	923	242	228	96	—	60	1	11	1	1	17	32	38	119	21	21			
Newport (Mon.)	..	70,619	15'8	2111	1165	371	237	135	—	67	14	33	11	5	18	42	88	126	6	6			
Rhonda†	..	123,553	5'0	4127	1982	796	267	379	—	17	1	136	33	41	138	84	118	29	5	5			
Merthyr Tydfil	..	66,856	3'8	2479	1393	470	254	167	—	1	11	37	35	9	74	57	89	97	4	4			
Aberdare	..	42,177	2'8	1447	887	338	150	183	—	1	1	78	26	14	63	32	43	23	5	5			

\* See note (f) to Table 1.

† Formerly named Ystradyfodwg.

TABLE 6.—Sixty-seven other large Towns.—Birth-rates, Death-rates, and Analysis of Mortality in 1898.

TOWNS* (Urban Districts).	ANNUAL RATE PER 1000 PERSONS LIVING.													DEATHS under 1 Year to 1000 Births.	14.	15.	16.	17.	Cols.	TOWNS* (Urban Districts).		
	DEATHS FROM																					
	Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	PERCENTAGE to Total Deaths.			Inquest Cases.								Deaths in Public Institutions.	Uncertified Causes of Death.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	Cols.				
67 Towns	29.4	17.2	2.41	0.05	0.41	0.10	0.28	0.27	0.21	1.09	0.57	173	8.7	66.9	5.9	10.4	1.7	67 Towns.				
Dover	29.5	17.7	2.29	—	0.33	0.11	0.11	0.20	0.06	1.48	0.70	164	7.9	69.5	5.5	13.2	5.7	Dover.				
Hastings	17.8	13.9	1.27	—	0.08	0.11	0.24	0.08	0.11	0.65	0.52	139	6.7	62.5	6.1	9.1	1.9	Hastings.				
Eastbourne	19.2	9.9	1.26	—	0.08	0.01	0.22	0.06	0.08	0.47	0.29	139	4.9	42.0	3.9	8.5	0.8	Bournemouth.				
Bournemouth	11.1	9.8	0.36	—	0.02	0.03	0.03	0.02	0.23	0.21	0.21	124	5.8	44.3	3.2	10.2	1.3	Bournemouth.				
Southampton	32.9	19.1	2.97	—	0.12	0.03	0.04	0.31	0.07	1.53	0.66	154	9.6	67.0	9.0	11.0	1.9	Southampton.				
Reading	26.7	14.5	1.61	—	0.48	—	0.08	—	0.23	1.02	0.42	164	6.7	66.6	5.8	14.7	—	Reading.				
Willesden	28.6	11.4	2.19	—	0.42	0.08	0.58	0.27	0.07	0.77	0.26	138	5.5	52.5	3.7	10.6	2.6	Willesden.				
Hornsey	21.3	9.6	1.04	—	0.22	0.13	0.13	0.45	0.19	1.44	0.14	118	4.5	53.3	6.1	5.6	—	Hornsey.				
Tottenham	20.7	14.6	2.39	—	0.31	0.05	0.33	0.19	0.06	0.62	0.14	173	6.7	63.4	10.4	8.5	0.5	Tottenham.				
Oxford	23.4	13.3	0.66	—	—	0.06	0.06	0.08	0.04	0.48	0.42	121	6.1	64.5	6.8	17.8	0.5	Oxford.				
Northampton	24.7	15.3	1.99	—	0.50	0.22	0.06	0.17	0.06	0.38	0.51	176	7.5	67.5	4.7	15.5	2.8	Northampton.				
Cambridge	23.1	16.3	2.25	—	0.86	—	0.16	0.47	0.24	0.52	0.31	161	8.2	64.8	6.4	19.3	0.3	Cambridge.				
Leyton	30.0	14.0	2.61	—	0.52	0.07	0.34	0.29	0.22	1.17	0.33	153	6.9	55.0	7.8	8.4	0.3	Leyton.				
Walthamstow	29.2	13.7	2.88	—	0.51	0.02	0.56	0.36	0.11	1.32	0.37	169	8.3	50.2	5.9	8.3	0.2	Walthamstow.				
Colchester	24.3	14.8	2.69	—	0.40	0.02	0.60	0.78	0.18	0.73	0.58	135	8.3	54.7	8.3	12.4	—	Colchester.				
Ipswich	29.5	16.6	3.40	—	0.76	0.02	0.13	0.48	0.11	1.90	0.43	163	7.8	57.7	7.1	8.9	0.7	Ipswich.				
Great Yarmouth	27.6	21.5	4.42	—	0.43	0.23	0.72	0.33	0.88	1.83	0.92	214	10.4	68.1	8.0	12.8	0.3	Great Yarmouth.				
Exeter	29.2	16.6	1.10	—	0.03	—	0.16	0.24	0.19	0.48	0.24	152	7.4	65.7	8.8	12.5	—	Exeter.				
Devonport	27.6	16.0	1.53	—	0.54	0.07	0.05	0.25	0.22	0.40	0.40	139	8.2	58.7	6.9	9.6	0.2	Devonport.				
Bath	19.5	16.2	0.95	—	0.29	0.02	0.08	0.23	0.06	0.27	0.77	137	7.5	62.5	7.3	20.6	0.8	Bath.				
Gloucester	31.4	17.3	1.82	—	0.02	0.12	0.41	0.22	0.07	0.98	0.84	142	9.1	60.7	6.5	14.2	2.8	Gloucester.				
Cheltenham	23.6	17.5	1.51	—	0.32	0.11	0.13	0.17	0.13	0.85	0.36	141	7.6	71.1	5.4	17.6	3.1	Cheltenham.				
Longton	37.2	26.7	6.25	—	0.53	0.05	0.77	0.13	0.42	2.35	0.63	279	13.9	79.5	4.0	5.7	2.0	Longton.				
Hanley	34.4	21.1	2.70	—	1.03	0.08	0.18	0.15	0.35	1.01	0.30	226	10.3	77.5	4.1	5.8	2.6	Hanley.				
Burton-upon-Trent	28.3	14.1	1.70	—	0.60	0.10	0.19	0.06	0.06	0.70	0.39	138	7.5	65.8	4.4	9.6	3.4	Burton-upon-Trent.				
Walsall	34.8	18.1	2.30	—	0.12	0.19	0.13	0.21	0.27	1.38	0.86	163	8.5	70.8	6.2	9.4	0.7	Walsall.				
West Bromwich	36.7	20.6	3.40	—	0.66	0.15	0.18	0.55	0.24	1.57	0.74	181	10.7	70.5	6.7	12.0	0.8	West Bromwich.				
Dudley	38.5	25.8	4.33	—	2.89	0.22	0.65	0.42	0.68	2.92	0.75	210	13.5	84.5	7.0	7.9	4.7	Dudley.				
Worcester	28.1	17.4	1.89	—	0.42	0.05	0.04	0.19	0.04	0.98	0.30	135	7.8	65.5	4.0	15.7	2.1	Worcester.				
Smethwick	30.9	16.4	1.99	—	0.15	0.06	0.09	0.12	0.18	0.98	0.40	140	7.0	67.3	3.1	3.6	1.2	Smethwick.				
Aston Manor	30.9	15.5	2.54	—	0.34	0.05	0.10	0.12	0.18	1.75	0.42	188	7.0	65.2	4.0	4.3	3.9	Aston Manor.				
Coventry	32.3	17.7	4.00	—	0.40	0.19	0.20	0.07	0.10	3.04	0.59	200	7.4	58.9	4.6	11.9	1.9	Coventry.				

\* See note (f) to Table 1.



TABLE 6 (continued).—Sixty-seven other large Towns.—Birth-rates, Death-rates, and Analysis of Mortality in 1898.

TOWNS* (Urban Districts).	ANNUAL RATE PER 1000 PERSONS LIVING.											DEATHS under 1 Year to 1000 Births.	ANNUAL DEATH-RATE per 1000 living.		PERCENTAGE to Total Deaths.			TOWNS* (Urban Districts).
	DEATHS from								Aged 1 to 60 Years, upwards.	Aged 60 Years and upwards.	Inquest Cases.		Deaths in Public Institutions.	Uncertified Causes of Death.				
	Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.							Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	Cols.
Lincoln	26.0	17.4	2.41	—	0.40	0.02	—	0.49	0.16	1.34	0.45	181	7.6	80.5	4.0	9.5	1.9	Lincoln.
Grimby.	30.0	15.9	2.05	—	0.03	0.05	0.18	0.10	0.40	1.29	0.51	216	7.0	57.8	8.3	7.9	1.7	Grimby.
Stockport	30.1	20.8	2.97	—	0.69	0.13	0.04	0.23	0.24	1.64	0.54	229	10.7	67.8	5.8	10.5	0.2	Stockport.
Macclesfield.	27.2	19.6	1.40	—	0.26	0.11	0.03	—	0.14	0.86	0.69	165	9.0	75.0	6.9	13.6	0.7	Macclesfield.
Chester	28.4	22.0	1.70	—	0.27	0.11	0.27	0.46	0.11	0.48	0.56	171	11.2	91.9	5.2	19.6	1.3	Chester.
Wallasey	28.6	17.4	1.85	—	0.13	0.08	0.09	0.41	0.20	0.74	0.78	169	8.8	80.6	7.5	9.3	2.9	Wallasey.
Bootle	33.5	21.0	3.48	0.02	0.11	0.28	0.21	0.47	0.61	1.78	1.21	186	12.0	87.6	7.0	19.0	2.8	Bootle.
St. Helens	37.8	19.0	3.28	—	0.22	0.11	0.16	0.42	0.35	1.82	1.04	179	10.4	62.7	4.2	10.5	5.2	St. Helens.
Southport	19.7	15.0	0.86	—	0.14	0.06	0.06	0.14	0.08	0.38	0.34	139	7.9	60.3	2.8	10.6	2.2	Southport.
Wigan	35.0	19.1	2.54	—	0.38	0.14	0.10	0.46	0.26	0.96	0.66	173	10.9	66.4	4.7	10.6	1.6	Wigan.
Warrington	36.3	17.6	2.34	—	0.43	0.14	0.12	0.29	0.20	1.16	0.51	169	9.0	69.0	3.3	10.6	6.4	Warrington.
Bury	24.9	18.2	2.10	—	0.25	0.15	0.08	0.41	0.30	0.91	0.63	187	9.9	75.4	6.2	9.9	1.5	Bury.
Ashton-under-Lyne	27.6	20.1	2.57	—	0.09	0.07	0.05	0.44	0.30	1.62	0.67	194	10.2	83.3	5.7	11.3	0.9	Ashton-under-Lyne.
Rochdale	25.8	18.7	1.24	—	0.16	0.05	0.10	0.20	0.25	0.67	0.65	133	10.3	65.2	5.2	10.6	3.7	Rochdale.
Accrington	23.1	15.4	2.19	—	0.07	0.05	0.18	0.20	0.29	0.60	0.38	138	8.1	65.2	4.1	4.3	2.0	Accrington.
Darwen	27.7	17.2	2.18	—	0.69	0.03	0.11	—	0.16	1.19	0.43	176	8.9	80.7	4.5	6.8	1.8	Darwen.
Barrow-in-Furness	27.7	14.5	2.39	—	1.20	0.07	0.07	0.22	0.18	0.65	0.49	170	8.1	63.9	4.6	5.2	5.2	Barrow-in-Furness.
Keighley	29.8	18.3	2.16	—	0.10	0.10	1.02	0.10	0.37	0.47	0.37	170	10.2	66.7	2.0	13.8	4.2	Keighley.
Wakefield	35.0	16.6	1.78	—	0.16	0.16	0.03	0.45	0.16	0.82	0.85	183	9.1	63.5	2.0	15.4	—	Wakefield.
Barnsley	34.0	22.0	4.22	—	0.57	0.02	0.10	0.42	0.50	2.11	0.90	218	11.0	80.8	8.9	9.9	—	Barnsley.
Rotherham	37.1	18.4	3.82	—	0.58	0.25	0.06	0.23	0.25	2.45	0.94	165	9.4	68.5	5.6	11.1	2.7	Rotherham.
York	31.3	19.2	2.05	0.01	0.39	0.11	0.03	0.08	0.22	1.22	0.46	174	9.2	74.8	4.7	13.3	0.3	York.
Scarborough	37.3	18.5	1.19	—	—	0.06	0.14	0.08	0.19	0.72	0.50	143	9.1	70.6	8.6	8.8	—	Scarborough.
Middlesbrough	30.8	20.6	4.61	2.12	0.69	0.09	0.21	0.10	0.35	1.05	0.60	183	12.8	68.9	4.4	17.1	1.8	Middlesbrough.
Darlington	29.3	16.7	1.99	0.02	0.64	—	0.07	0.07	0.20	0.99	0.50	141	8.8	72.6	3.4	9.1	3.7	Darlington.
Stockton-on-Tees	28.2	16.2	2.00	—	0.18	0.07	0.11	0.11	0.18	1.35	0.57	188	8.2	73.6	6.9	7.7	3.7	Stockton-on-Tees.
West Hartlepool	33.2	15.5	1.65	0.02	0.02	0.04	0.12	0.04	0.17	1.34	0.46	158	8.0	65.4	5.5	7.8	1.6	West Hartlepool.
South Shields	33.7	20.0	2.73	—	0.56	0.21	—	0.73	0.37	0.86	0.75	178	11.2	77.4	7.2	10.1	1.2	South Shields.
Jarrow	28.7	16.1	1.96	—	0.07	—	0.03	0.99	0.19	0.66	0.82	175	9.1	69.8	7.8	9.7	0.9	Jarrow.
Tynemouth	33.1	18.0	1.24	—	0.27	0.02	0.02	0.21	0.06	0.66	0.62	180	9.0	69.5	6.9	10.2	0.7	Tynemouth.
Carlisle	31.7	22.4	2.33	1.46	1.46	0.15	0.27	0.02	0.02	0.41	0.78	185	12.2	76.8	4.1	12.9	2.3	Carlisle.
Newport (Mon.)	29.9	16.5	1.91	—	0.95	0.01	0.47	0.16	0.07	0.25	0.59	176	8.6	62.2	7.6	10.8	0.5	Newport (Mon.).
Rhondda†	33.4	16.0	3.07	—	0.14	0.11	1.10	0.27	0.33	1.12	0.88	183	8.0	60.8	6.0	1.5	0.3	Rhondda†.
Merthyr Tydfil	37.1	20.8	2.48	—	0.01	0.16	0.55	0.52	0.13	1.11	0.85	190	11.0	64.1	6.4	7.0	0.3	Merthyr Tydfil.
Aberdare	34.3	21.3	4.33	—	0.02	0.02	1.85	0.62	0.33	1.49	0.76	227	10.9	64.2	4.8	2.6	0.6	Aberdare.

\* See note (†) to Table 1. † Formerly named Ystradyfodwg.

**TABLE 7.—Births and Deaths in 1898 (52 Weeks) in Edinburgh, Glasgow, and Dublin, and in certain Colonial and Foreign Cities.**

CITIES.	POPULATION (enumerated or estimated). <i>a</i>	BIRTHS.  (Excluding Stillborn.)	DEATHS.	ANNUAL RATE per 1000 Persons living.		DEATHS FROM SOME ZYMOTIC DISEASES.							
				Births.	Deaths.	Small-pox.	Measles.	Scarlet Fever.	Diphthe- ria.	Whooping- cough.	Fever.	Diarrheal Diseases.	
EDINBURGH .. ..	295,628	8099	5796	27·5	19·7	—	141	86	46	126	40	251	
GLASGOW .. ..	724,349	24263	15333	33·6	21·2	—	528	187	100	706	236	840	
DUBLIN .. ..	349,594	10883	9334	31·2	26·8	—	9	89	65	154	188	351	
CALCUTTA .. ..	466,460	—	12608	—	27·1	75	22	—	17	15	3892†	2028‡	
BOMBAY .. ..	821,764	10781	51697	13·2	63·1	54	259	?	?	?	22120†	3473‡	
MADRAS .. ..	452,518	19021	20258	42·1	44·9	117	761	?	?	?	5503†	4089‡	
PARIS .. ..	2,511,629	59132	49419	23·6	19·7	5	865	117	254*	391	251	3579	
BRUSSELS (with Fau- bourgs).	551,011	13480	9231	24·5	16·8	2	77	26	52*	88	89	1093	
AMSTERDAM .. ..	503,319	14849	8563	29·6	17·1	—	144	9	62	177	53	15	
ROTTERDAM .. ..	303,878	10968	5645	36·2	18·6	—	110	9	49	139	55	8	
THE HAGUE .. ..	196,325	5694	3330	29·1	17·0	1	38	5	28	76	8	2	
COPENHAGEN .. ..	345,000	10226	6150	29·7	17·9	—	31	44	64	220	34	360	
STOCKHOLM .. ..	283,550	7419	4899	26·2	17·3	—	38	41	190*	82	22	310	
CHRISTIANIA .. ..	203,337	—	3403	—	16·8	4	60	19	18	48	14	209	
St. PETERSBURG (without Faubourgs).	1,132,677	32212	29177	28·5	25·8	89	401	636	1175	294	1210	3423	
MOSCOW .. ..	988,610	—	29530	—	30·0	145	427	424	574	146	360	6225	
BERLIN .. ..	1,773,003	47135	30506	26·7	17·3	12	264	267	608	517	76	3700	
HAMBURG .. ..	661,015	21154	11769	32·1	17·9	—	243	30	100*	217	29	1036	
DRESDEN .. ..	384,300	—	7013	—	18·3	—	98	21	85*	80	17	821	
BRESLAU .. ..	392,795	13866	9710	35·4	24·8	—	100	89	90*	117	26	1427	
MUNICH .. ..	430,000	15610	10760	36·4	25·1	—	66	57	180*	123	14	2408	
VIENNA .. ..	1,590,295	47828	31936	30·2	20·1	—	793	224	507*	120	94	3300	
PRAGUE .. ..	382,029	10670	9077	28·0	23·8	1	213	222	141	8	116	247	
BUDA-PESTH .. ..	648,104	22909	14274	35·4	22·1	1	313	229	142	44	164	1233	
TRIESTE .. ..	165,177	5154	4642	31·3	28·2	—	12	101	84*	23	61	589	
ROME .. ..	499,861	11178	8941	22·4	17·9	3	130	4	30	30	341§	837	
TURIN .. ..	344,203	7182	6741	20·9	19·6	—	73	3	51	55	97	538	
FLORENCE .. ..	199,080	4698	4356	23·6	21·9	11	14	2	27	15	127¶	230	
VENICE .. ..	169,545	3931	3817	23·2	22·6	—	5	2	58*	35	87	379	
NEW YORK, including BROOKLYN.	3,438,899	—	65482	—	19·1	1	648	699	1434	712	669	4943	
BOSTON .. ..	541,827	—	10886	—	20·1	—	27	33	185	68	30	599	
PHILADELPHIA .. ..	1,240,266	—	23790	—	19·2	—	234	113	1154	162	639	1362	
CINCINNATI .. ..	405,000	6283	5585	15·5	13·8	—	12	8	51	68	122	60	
ST. LOUIS .. ..	623,000	11875	8908	19·1	14·3	—	21	28	152	29	134	466	
NEW ORLEANS .. ..	275,000	—	6826	—	24·8	—	—	1	18	45	54	170	
SAN FRANCISCO .. ..	380,000	5099	6988	14·2	19·4	—	35	12	148	45	160	87	

*a* The populations in the majority of cases are estimated either to the beginning or to the middle of the year 1898; in some cases, however, the last census populations are given.

\* Including deaths from Croup.

† Including 32 deaths from "Plague" in Calcutta, 18011 in Bombay, and 7 from "Plague" in Madras.

‡ Including 486 deaths from Cholera in Calcutta, 100 in Bombay, and 780 in Madras.

§ Including 169 deaths from Malarial fever.

¶ Including deaths from Puerperal fever.



TABLE 8.—LONDON.—Numbers of Natives and Immigrants respectively, living in LONDON, in 1881 and 1891.

	MALES.		FEMALES.		EXCESS OF FEMALES.	
	1881.*	1891.	1881.*	1891.	1881.*	1891.
TOTAL INHABITANTS .. .. .	1,797,043	1,990,748	2,018,501	2,220,995	221,458	230,247
BORN IN LONDON .. .. .	1,146,935	1,323,480	1,254,756	1,435,915	107,821	112,435
BORN OUT OF LONDON .. .. .	650,108	667,268	763,745	785,080	113,637	117,812

\* The figures for 1881 relate to Registration London as constituted in 1891.

TABLE 9.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—Area, Population, Inhabited Houses, and Ratable Value.

	AREA.		Enumerated POPULATION, 1891.	DENSITY OF POPU- LATION in 1891.		INHABITED HOUSES, 1891.	RATABLE VALUE * 1891.
	In Acres.	In Square Miles.		Persons to an Acre.	Persons to a Square Mile.		
GREATER LONDON .. .. .	443,421	693	5,633,806	12'7	8130	789,408	£ 40,913,457
REGISTRATION LONDON .. .. .	74,672	117	4,211,743	56'4	35,998	544,977	32,932,967
OUTER RING .. .. .	368,749	576	1,422,063	3'9	2469	244,431	7,980,490

\* Supplied from the London County Council and Metropolitan Police Offices.

TABLE 10.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—Population; and Births and Deaths in the 52 Weeks of 1898.

	POPULATION, estimated to the middle of 1898.	ANNUAL RATE per 1000 living.			TOTAL BIRTHS.	TOTAL DEATHS.	The DEATHS registered in the 52 Weeks include										
		Births.	Deaths.	Principal Zymotic Diseases.			Deaths of		Deaths from								Deaths in Public Institution.
							Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.		
GREATER } LONDON }	6,408,321	28'8	17'2	2'66	184,316	110,033	30,312	26,678	3	3777	684	2497	2795	836	6410	27,184	
REGISTRATION } LONDON* }	4,504,766	29'5	18'7	2'78	132,432	83,936	22,140	20,098	1	3075	583	1772	2160	598	4376	24,321	
OUTER RING	1,903,555	27'3	13'7	2'34	51,884	26,097	8172	6580	2	702	101	725	635	238	2034	2863	

\* See note (†) to Table 1.

TABLE 11.—*London.—Mortality in Five Groups of Districts* (not corrected for Deaths in Institutions), and *Meteorology at Greenwich, 1851-1898.*

		LONDON.	GROUPS OF DISTRICTS.					METEOROLOGY AT GREENWICH.			
			WEST.	NORTH.	CENTRAL.	EAST.	SOUTH.	Mean Temperature of Air.	Degree of Humidity, Saturation = 100.	Rainfall, in Inches.	Mean Hourly Horizontal Movement of the Air.*
Area in Square Miles ..	116.7	16.2	21.1	3.3	8.6	67.5					
Average Annual Rate of Increase of Population per Cent., 1891-96..	0.932	0.993	0.925	{ -1.149 (decrease). }	0.316	1.506					
Enumerated Population, 1896 ..	4,411,710	778,251	1,040,694	233,635	716,334	1,642,796					
Density: Persons to an Acre	<div><div>1851 1861 1871 1881 1891 1896</div><div>30 36 42 49 56 59</div></div>	<div><div>35 44 52 62 71 75</div></div>	<div><div>36 46 56 67 74 77</div></div>	<div><div>203 175 150 127 116 110</div></div>	<div><div>73 92 107 116 123 130</div></div>	<div><div>14 17 21 28 35 38</div></div>					
YEARS.		ANNUAL RATE OF MORTALITY PER 1000.						METEOROLOGY IN EACH YEAR.			
1851..	23.4	22.0	22.2	24.1	24.3	24.0	49.2	78	21.6	10.3	
1852..	22.5	21.5	21.2	23.9	23.3	23.0	50.6	76	34.2	10.6	
1853..	24.4	22.3	22.4	25.1	26.5	25.3	47.7	79	29.0	9.5	
1854..	29.4	28.5	24.4	27.4	30.0	34.8	48.9	83	18.7	10.3	
1855..	24.3	23.0	23.3	25.1	25.5	24.6	47.1	83	21.1	9.9	
1856..	22.0	21.5	21.1	23.0	23.3	21.8	49.0	83	22.2	10.6	
1857..	22.4	21.2	21.5	23.8	24.6	21.5	51.0	83	21.4	9.3	
1858..	23.9	22.4	22.9	24.5	25.8	24.0	49.2	79	17.8	9.7	
1859..	22.7	21.4	21.7	24.1	24.0	22.6	50.7	80	25.9	9.5	
1860..	22.4	22.2	21.2	23.3	24.1	22.1	47.0	84	32.0	10.0	
1861..	23.2	22.1	22.3	25.4	24.0	22.8	49.4	84	20.8	9.9	
1862..	23.6	22.0	22.0	26.2	26.0	22.7	49.5	84	26.2	10.0	
1863..	24.5	22.9	23.8	26.9	26.5	23.3	50.3	80	20.0	10.3	
1864..	26.4	24.4	25.3	29.5	29.0	25.3	48.5	78	16.7	9.5	
1865..	24.5	22.6	24.5	27.1	26.5	23.2	50.3	80	29.0	9.3	
1866..	26.5	22.6	25.3	27.1	31.0	24.1	49.8	82	30.7	11.4	
1867..	23.0	21.7	23.1	24.8	24.2	22.1	48.6	82	28.4	11.8	
1868..	23.5	22.2	22.7	25.2	25.4	22.9	51.5	78	25.2	12.2	
1869..	24.6	22.2	23.5	26.6	27.9	23.8	49.5	81	24.0	12.2	
1870..	24.1	23.8	23.5	26.0	25.0	23.4	48.7	79	18.5	11.1	
1871..	24.6	22.5	25.6	25.0	26.1	24.0	48.7	81	22.3	10.5	
1872..	21.5	19.6	21.2	23.6	23.6	20.7	50.7	82	30.0	11.9	
1873..	22.4	20.5	21.2	25.1	25.3	21.7	48.9	82	23.4	11.8	
1874..	22.4	20.9	21.7	25.7	25.5	21.0	49.3	82	20.0	11.5	
1875..	23.6	22.2	22.2	26.2	25.7	23.3	49.2	80	28.2	11.5	
1876..	21.9	21.0	21.2	24.1	24.0	21.2	50.1	80	24.2	12.1	
1877..	21.6	19.2	21.5	24.2	24.5	20.5	49.4	79	26.9	13.0	
1878..	23.1	21.6	22.0	25.2	25.1	23.0	49.6	81	29.2	11.1	
1879..	22.6	20.9	21.5	26.3	25.5	21.8	46.2	83	31.3	11.3	
1880..	21.7	19.8	20.8	23.8	24.3	21.3	49.4	84	29.8	11.7	
1881..	21.3	19.6	20.7	23.4	24.3	20.5	48.7	81	25.2	12.1	
1882..	21.5	20.0	19.8	24.0	25.3	20.8	49.7	84	25.2	12.8	
1883..	20.8	19.8	19.4	23.3	24.4	19.8	49.4	82	21.9	12.1	
1884..	20.9	19.7	19.6	23.8	23.4	20.2	50.7	80	18.1	11.9	
1885..	20.4	19.9	19.3	22.9	23.0	19.1	48.6	81	24.0	12.0	
1886..	20.6	19.8	18.9	23.4	23.9	19.9	48.7	81	24.2	11.8	
1887..	20.3	19.9	18.9	23.5	23.3	19.4	47.8	79	19.9	11.5	
1888..	19.3	19.3	17.7	22.7	22.7	18.1	47.7	82	27.5	12.3	
1889..	18.4	18.1	16.9	20.9	21.2	17.7	48.8	83	23.3	10.2	
1890..	21.4	20.5	19.6	24.8	25.1	19.6	48.6	81	21.9	11.2	
1891..	21.5	20.8	20.1	26.4	24.1	19.8	48.4	82	25.1	11.7	
1892..	20.7	20.1	19.5	24.0	23.5	19.1	48.1	80	22.3	11.0	
1893..	21.3	19.6	20.1	25.6	24.8	19.5	51.1	76	20.1	11.2	
1894..	17.8	17.1	16.4	20.2	20.9	16.3	49.9	81	26.9	12.4	
1895..	19.9	18.5	18.2	23.8	23.4	18.3	49.3	78	19.7	11.6	
1896..	18.6	17.7	17.2	21.3	21.4	17.5	50.1	79	22.4	11.4	
1897..	18.2	17.1	16.8	21.8	21.2	16.8	50.3	79	22.1	12.2	
1898..	18.7	17.9	17.1	22.0	21.7	17.4	51.3	78	18.9	11.8	

NOTE.—The populations upon which these rates of mortality have been calculated are deduced from the numbers enumerated at the six Censuses of 1851, 1861, 1871, 1881, 1891, and 1896. The deaths for the 47 years 1851-97 are for the calendar years, while those for 1898 are the numbers registered in the 52 weeks ending 31st of December 1898.

The hamlet of Mottingham was transferred from Lewisham District to the Outer Ring on 1st April 1887. Certain changes affecting the West and Central groups of districts were made in the year 1868, but no corrections for these changes have been made in this Table for any year prior to 1861.

\* Approximated to the results of Robinson's anemometer by reduction from Whewell's, up to 1859.



TABLE 12.—LONDON : Population at different Ages, as enumerated in 1851, 1861, 1871, 1881, and 1891, with the Numbers of Males and Females at various Ages in 1891.

—	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwds.
1851	2,362,236	293,562	243,648	216,369	213,694	241,401	428,123	308,949	208,363	122,946	62,608	19,845	2,728
1861	2,803,989	362,296	300,259	264,349	259,155	277,389	476,802	366,417	246,918	149,503	74,039	23,721	3,141
1871	3,254,260	422,629	349,686	309,658	307,075	321,585	551,973	404,954	290,977	174,265	90,198	27,604	3,656
1881	3,816,483	497,044	419,740	366,111	368,628	385,236	641,265	471,131	320,530	205,921	103,815	32,982	4,080
1891	4,211,743	501,622	454,160	416,425	416,820	428,454	717,514	519,637	368,536	221,551	122,726	39,172	5,126
Males ..	1,990,748	249,309	225,895	206,228	197,424	194,110	333,689	246,219	173,111	98,776	50,407	14,070	1,510
Females ..	2,220,995	252,313	228,265	210,197	219,396	234,344	383,825	273,418	195,425	122,775	72,319	25,102	3,616

NOTE.—In England and Wales the proportion of Females to Males in the population in 1891 was as 106 to 100; in London it was as 112 to 100. The proportions in 1881 were 105 and 112 respectively. The figures in this table refer to London as constituted in the respective census years.

TABLE 13.—LONDON : Marriages, Births, and Deaths, 1888-1898.

YEARS.				1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897	1898 (52 weeks).
MARRIAGES..    ..    ..    ..				34,635	35,412	36,752	37,341	37,191	37,016	36,924	37,629	39,872	41,217	42,016
BIRTHS	..	{	Persons    ..	131,761	132,233	128,161	134,484	132,328	133,062	131,454	134,155	133,833	134,187	132,432
			Males    ..	66,919	67,398	65,168	68,383	67,443	67,688	66,866	68,281	68,490	68,285	67,212
			Females    ..	64,842	64,835	62,993	66,101	64,885	65,374	64,588	65,874	65,343	65,902	65,220
DEATHS*	..	{	Persons    ..	79,244	76,162	89,268	90,595	88,440	91,552	77,407	87,298	82,390	81,119	83,936
			Males    ..	40,495	38,947	45,959	46,487	44,851	46,840	39,704	44,343	42,457	42,116	43,366
			Females    ..	38,749	37,215	43,309	44,108	43,589	44,712	37,703	42,955	39,933	39,003	40,570
EXCESS OF BIRTHS OVER DEATHS    ..    ..    .. }				52,517	56,071	38,893	43,889	43,888	41,510	54,047	46,857	51,443	53,068	48,496
ANNUAL RATES PER 1000	{	Persons Married    }	16·9	17·1	17·6	17·7	17·4	17·2	17·0	17·2	18·0	18·5	18·7	
		Births..    ..	32·1	31·9	30·7	31·9	31·0	30·9	30·3	30·6	30·2	30·1	29·5	
		Deaths    ..	19·3	18·4	21·4	21·5	20·7	21·3	17·8	19·9	18·6	18·2	18·7	

NOTE.—The figures in the above table, except those for 1898, relate to the calendar years ending 31st December. The figures for 1898 relate to the 52 weeks ending 31st December 1898.

\* See note † to Table 1.

TABLE 14.—LONDON.—Population, and Zymotic and

PERIOD AND YEAR.	ESTIMATED POPULATION.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.									
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Ill-defined Fever.	Diarrhoea and Dysentery.	Cholera.
Cols. 1	2	3	4	5	6	7	8	9	10	11	12
Period.											
1841-50	2,103,487	8,416	13,011	18,314		18,079	20,890			16,926	15,588
1851-60	2,570,489	7,150	13,766	26,317		22,497	22,597			26,362	12,886
1861-70	3,018,193	8,347	17,338	34,391	5,323	26,550	27,149			31,578	7,403
1871-80	3,513,843	15,539	17,947	21,247	4,319	28,728	1,887	8,536	2,579	33,168	1,328
1881-90	4,000,475	5,634	25,449	13,268	10,435	27,686	327	7,502	717	29,922	941
1849	2,287,302	521	1154	2149		2349	2564			3837	14,125
1850	2,330,054	499	980	1169		1568	2032			2077	127
1851	2,373,081	1062	1297	1285		2185	2374			2755	213
1852	2,416,367	1159	595	2571		1569	2183			2513	162
1853	2,459,899	211	978	2016		2667	2617			2649	883
1854	2,503,632	694	1409	3477		2502	2816			3325	10,738
1855	2,547,639	1039	878	2611		2438	2460			2190	149
1856	2,591,815	531	1479	1819		2092	2717			2414	152
1857	2,636,174	156	1341	1599		2527	2195			3298	214
1858	2,680,700	242	2369	4184		2708	1919			2220	131
1859	2,725,374	1158	1330	3481	773	1742	1840			3513	193
1860	2,770,181	898	2090	2017	484	2067	1476			1485	51
1861	2,815,101	217	1062	2381	674	3548	1848			2740	168
1862	2,860,117	366	2334	3492	730	2168	3673			1839	106
1863	2,905,210	1996	1634	4955	799	2175	2871			2492	159
1864	2,950,361	547	2788	3244	611	2423	3782			3013	156
1865	2,995,551	640	1290	2179	431	2935	3217			3721	196
1866	3,040,761	1391	2220	1892	462	2860	2688			3294	5596
1867	3,085,971	1345	1143	1451	447	2278	2184			3060	240
1868	3,131,160	597	1962	2916	495	2338	2468			4110	324
1869	3,176,308	275	1456	5841	340	3769	716	1069	615	3495	219
1870	3,221,394	973	1449	6040	334	1956	472	976	570	3814	239
1871	3,267,251	7912	1427	1902	344	2291	384	871	436	3968	221
1872	3,319,736	1786	1680	918	267	3259	174	807	322	3588	181
1873	3,373,065	113	2149	645	320	2620	277	908	325	3950	162
1874	3,427,250	57	1680	2648	419	1867	312	879	337	3201	123
1875	3,482,306	46	1408	3677	581	3204	128	817	272	3289	108
1876	3,538,246	736	1720	2308	387	2737	159	769	202	3585	135
1877	3,595,085	2551	2387	1580	316	1817	157	901	194	2421	88
1878	3,652,837	1417	1500	1808	566	4483	151	1033	197	3534	124
1879	3,711,517	450	2475	2661	575	2934	71	849	160	1894	53
1880	3,771,139	471	1521	3100	544	3516	74	702	134	3738	133
1881	3,824,980	2367	2536	2114	657	1973	92	971	134	3055	75
1882	3,862,956	430	2338	2006	857	4682	53	975	95	2144	79
1883	3,901,309	136	2441	2006	952	1598	55	963	102	2652	83
1884	3,940,042	1236	2271	1430	951	3156	32	925	78	3903	163
1885	3,979,160	1419	2909	722	904	2481	28	597	78	2723	77
1886	4,018,666	24	2086	690	851	2871	13	618	73	3996	137
1887	4,058,565	9	2904	1443	953	2935	19	612	44	3801	107
1888	4,098,889	9	2425	1214	1311	2993	9	694	35	2206	54
1889	4,139,555	—	2308	785	1617	1787	16	538	42	2692	62
1890	4,180,654	4	3231	858	1382	3210	10	609	36	2750	84
1891	4,221,522	8	1807	598	1435	2872	11	558	44	2435	71
1892	4,260,889	41	3415	1167	1969	2507	11	436	22	2557	87
1893	4,300,580	206	1652	1590	3271	2326	5	692	21	3427	133
1894	4,340,663	88	3245	966	2707	2096	6	640	13	1745	32
1895	4,381,119	55	2892	829	2344	1517	4	628	9	3614	74
1896	4,421,955	9	3682	916	2657	2904	5	576	17	3207	93
1897	4,463,189	16	1909	782	2273	1839	1	585	8	4146	115
1898	4,504,766	1	3075	583	1772	2160	4	585	9	4376	130

For the years 1849-50 the numbers of deaths from the various diseases are derived from  
The figures for 1898 are for the



## Infant Mortality in 50 Years 1849-98.

ANNUAL MORTALITY, PER MILLION PERSONS LIVING, FROM PRINCIPAL ZYMOTIC DISEASES.											Annual Mortality of Infants under One Year of Age to 1000 Births.	PERIOD AND YEAR.
Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Ill-defined Fever.	Diarrhoea and Dysentery.	Cholera.			
13	14	15	16	17	18	19	20	21	22	23	24	
402	623	863		867	979			782	688	157	Period.	
280	530	1017		877	886			1030	514	155	1841-50	
276	576	1133	179	882	904			1040	243	162	1851-60	
457	510	600	122	815	55	244	75	949	38	158	1861-70	
145	636	335	259	693	8	189	18	748	23	152	1871-80	
229	506	943		1030	1125			1683	6196	169	1881-90	
215	422	503		675	875			894	55	140	1841-50	
448	547	541		921	1000			1161	90	154	1851-60	
478	246	1061		648	901			1037	67	151	1861-70	
86	398	820		1084	1064			1077	359	153	1871-80	
277	563	1389		999	1125			1328	4289	164	1881-90	
408	345	1025		957	966			860	58	152	1841-50	
204	569	700		805	1045			929	58	150	1851-60	
59	509	607		959	833			1251	81	156	1861-70	
90	884	1561		1010	716			828	49	160	1871-80	
425	488	1277	284	639	675			1289	71	150	1881-90	
323	752	726	174	744	531			535	18	153	1841-50	
77	377	846	239	1260	656			973	60	155	1851-60	
128	816	1221	255	758	1284			643	37	143	1861-70	
687	562	1706	275	749	988			858	55	151	1871-80	
185	942	1097	207	819	1278			1018	53	169	1881-90	
214	431	727	144	980	1074			1242	65	171	1841-50	
457	730	622	152	973	884			1083	1840	172	1851-60	
436	370	470	145	738	708			992	78	159	1861-70	
190	625	929	158	745	786			1309	103	166	1871-80	
87	458	1839	107	1187	225	337	194	1100	69	170	1881-90	
302	450	1875	104	607	147	303	177	1184	74	164	1841-50	
2422	437	582	105	701	118	267	133	1214	68	171	1851-60	
537	505	276	80	979	52	242	97	1078	54	158	1861-70	
34	637	191	95	777	82	269	96	1171	48	160	1871-80	
17	490	773	122	545	91	256	98	934	36	156	1881-90	
13	404	1056	167	920	37	235	78	944	31	162	1841-50	
207	485	651	109	771	45	217	57	1010	38	157	1851-60	
710	664	439	88	505	44	251	54	673	24	146	1861-70	
388	411	495	155	1227	41	283	54	967	34	164	1871-80	
121	667	717	155	791	19	229	43	510	14	148	1881-90	
125	402	820	144	930	20	186	35	989	35	158	1841-50	
619	663	553	172	516	24	254	35	799	25	148	1851-60	
111	605	519	222	1212	14	252	24	555	20	151	1861-70	
35	626	514	244	410	14	247	26	680	21	146	1871-80	
313	575	362	241	799	8	234	20	988	41	156	1881-90	
357	731	181	227	624	7	150	20	684	19	148	1841-50	
6	519	172	212	714	3	154	18	994	34	159	1851-60	
2	716	356	235	723	5	151	11	937	26	158	1861-70	
2	590	295	319	728	2	169	9	537	13	146	1871-80	
—	558	190	391	432	4	130	10	650	15	141	1881-90	
1	773	206	331	768	2	146	9	658	20	163	1841-50	
2	428	142	340	680	3	132	10	577	17	155	1851-60	
10	799	273	461	587	3	102	5	598	20	155	1861-70	
48	384	370	761	541	1	161	5	797	31	164	1871-80	
20	759	223	624	483	1	147	3	402	7	143	1881-90	
13	614	189	535	346	1	143	2	825	17	166	1841-50	
2	826	207	599	655	1	130	4	723	21	162	1851-60	
4	428	175	509	412	0	131	2	929	26	159	1861-70	
0	684	130	394	481	1	130	2	974	29	167	1871-80	
											1881-90	

summaries of 52 or 53 weeks; the numbers for the 47 years 1851-97 relate to calendar years. 52 weeks ending 31st December 1898.

TABLE 15.—Causes of Death REGISTERED in London in each of the 11 Years 1888-1898.\*

CAUSES OF DEATH.	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	Corrected† Annual Averages, 1888-97.	1898
	364 Days.	364 Days.	371 Days.	364 Days.	364 Days.	364 Days.	364 Days.	364 Days.	371 Days.	364 Days.		364 Days.
ALL CAUSES .. ..	78848	75683	91243	90216	87749	91536	77039	86937	83511	80943	83442	83936
Small-pox { Vaccinated Unvaccinated No statement	5 — 4	— — —	1 — 3	2 3 3	15 14 12	62 79 65	24 43 22	16 26 13	— 4 5	5 3 8	14 18 14	— — 1
Measles .. ..	2401	2314	3291	1807	3393	1661	3293	2633	3697	1929	2769	3075
Scarlet Fever .. ..	1209	784	876	589	1174	1596	962	829	942	780	1021	583
Typhus .. ..	10	15	11	8	11	5	5	5	5	1	8	4
Relapsing Fever .. ..	—	1	—	—	1	—	—	—	—	2	—	—
Influenza .. ..	3	5	652	2336	2284	1526	750	2156	496	671	1138	1283
Whooping-cough .. ..	2987	1749	3276	2876	2477	2330	2097	1483	2937	1842	2521	2160
Diphtheria .. ..	1301	1588	1417	1361	1885	3265	2670	2316	2683	2261	2175	1772
Simple & Ill-defined Fever .. ..	33	43	33	42	20	21	13	10	13	8	25	9
Enteric Fever .. ..	677	538	618	547	436	693	635	614	591	584	622	585
Cholera and Chol. Diarrhoea .. ..	54	62	83	73	87	133	32	74	95	115	85	130
Diarrhoea, Dysentery .. ..	2176	2677	2753	2437	2546	3446	1780	3600	3223	4104	3013	4376
Remittent Fever .. ..	9	12	7	4	3	2	2	1	2	—	4	4
Hydrophobia .. ..	3	7	2	2	—	1	1	—	4	1	2	—
Glands .. ..	1	2	1	4	4	3	1	—	—	2	2	2
Cow-pox & effects of Vaccin. .. ..	4	11	7	14	20	15	9	20	7	8	12	8
Venerable Affections .. ..	516	544	541	472	502	544	499	501	445	454	526	421
Erysipelas .. ..	249	189	250	214	292	424	221	179	207	184	253	165
Pyæmia Septicæmia .. ..	152	106	135	105	110	118	96	102	90	99	117	67
Furunculæ Fever .. ..	275	222	237	222	313	352	210	208	225	215	260	184
Other Zymotic Diseases .. ..	76	81	63	73	88	94	70	79	80	81	82	62
Thrush .. ..	63	83	77	59	74	43	42	40	32	30	57	27
Worms & other Parasitical Diseases. }	14	14	17	15	15	17	17	21	9	17	16	20
Starvation, Want of Breast Milk. }	61	92	73	78	115	155	96	95	62	62	93	64
Alcoholism .. ..	298	386	475	485	483	533	430	449	540	632	494	666
Rheumatic Fever, Rheu- matism of Heart. }	397	331	445	384	410	517	352	286	403	368	408	367
Rheumatism .. ..	108	131	114	113	117	112	75	80	118	95	111	96
Gout .. ..	138	164	169	161	157	187	154	169	149	134	166	137
Rickets .. ..	230	230	282	267	287	248	255	339	248	260	277	278
Cancer .. ..	2856	2982	3258	3277	3166	3412	3441	3612	3864	3908	3541	4084
Tabes Mesenterica .. ..	1249	1261	1392	1277	1298	1269	954	1253	1066	989	1259	1000
Tubercular Meningitis .. ..	1220	1189	1237	1194	1229	1180	1093	1244	1187	1208	1256	1232
Phthisis .. ..	7459	7748	9074	8485	8036	8179	7543	7974	7778	7884	8400	7966
Scrophula, Tuberculosis .. ..	862	896	950	1035	1012	943	980	1045	1005	923	1012	980
Other Constitutional Dis. .. ..	546	528	595	640	632	679	627	677	699	738	667	693
Premature Birth .. ..	1938	2025	2249	2349	2394	2517	2361	2514	2534	2678	2470	2663
Atelectasis .. ..	161	127	113	140	158	179	206	209	246	234	186	228
Congenital Malformations.. ..	345	367	348	394	378	388	405	388	422	404	402	415
Old Age .. ..	2485	2591	2711	2567	2382	2647	2135	2468	2294	2411	2588	2530
Apoplexy .. ..	2236	2073	2313	2306	2206	2200	1990	2052	2136	2212	2278	2092
Epilepsy .. ..	365	360	443	437	395	404	350	370	367	321	400	348
Convulsions .. ..	2392	2203	2353	2385	2148	2194	1856	2052	1868	1681	2215	1639
Other Diseases of Brain and Nervous System. }	4384	4156	5003	4675	4222	4554	3911	4162	4104	3827	4505	4057
Diseases of Organs of Special Sense. }	116	114	144	134	142	182	162	168	190	207	163	206
Diseases of Circulatory System. }	6259	6480	7546	7340	7061	7099	6041	6905	6881	6967	7187	6813

\* See note (†), Table I.

† The annual averages have been raised for increase of population and adjusted for comparison with the deaths recorded in the 52 weeks of 1898.

‡ Only those cases of small-pox are returned as "Vaccinated," or as "Unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "No statement."



TABLE 15 (cont.)—Causes of Deaths REGISTERED in London in each of the 11 Years 1888-1898.\*

CAUSES OF DEATH.	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	Corrected† Annual Averages, 1888-97.	1898
	364 Days.	364 Days.	371 Days.	364 Days.	364 Days.	364 Days.	364 Days.	364 Days.	371 Days.	364 Days.		364 Days.
Croup .. .. .	494	480	491	404	277	217	166	144	147	72	303	57
Bronchitis .. .. .	10085	8970	12448	13136	11183	10413	7816	10633	7558	7408	10446	7779
Pneumonia .. .. .	4657	4061	6224	6915	6164	7198	5321	5889	5537	5053	5988	5440
Pleurisy .. .. .	267	239	329	366	305	402	241	280	251	271	309	281
Other Diseases of Respi- ratory System. }	1493	1311	1694	1668	1450	1524	1097	1436	1171	1183	1470	1149
Dentition .. .. .	603	545	628	520	479	493	417	426	464	410	523	360
Quinsy, Sore Throat .. ..	102	92	120	92	97	130	81	83	71	78	99	66
Enteritis .. .. .	464	570	745	758	776	1106	917	1487	1680	2207	1123	2489
Peritonitis .. .. .	334	352	372	365	326	393	316	300	284	263	346	280
Diseases of Liver .. .. .	1330	1321	1373	1303	1242	1296	1153	1170	1215	1279	1329	1248
Other Diseases of Digestive System. }	1530	1425	1540	1523	1518	1682	1520	1633	1524	1600	1625	1587
Diseases of Lymphatic System and Ductless Glands. }	95	108	129	115	87	134	119	108	119	98	117	114
Diseases of Urinary System	2116	2020	2209	2305	2168	2355	2056	2230	2277	2424	2323	2411
Diseases of Generative System. }	270	253	315	280	250	303	257	288	280	308	294	268
Accidents of Childbirth ..	169	166	212	286	304	335	266	212	280	229	258	177
Diseases of Locomotive System. }	368	375	392	330	331	262	310	253	256	244	327	210
Diseases of Integumen- tary System. }	258	217	293	325	334	333	263	303	286	320	307	330
ACCIDENT OR NEG- LIGENCE.†												
On Railways .. .. .				125	110	75	81	84	79	100		109
By Vehicles or Horses ..				244	269	304	255	290	300	334		309
In Ships, &c. (not drown- ing) .. .. .				21	30	22	31	37	28	30		30
In Building operations ..				42	40	41	33	39	57	41		47
In Conflagrations .. ..				30	34	26	26	23	47	24		19
By Burns, Scalds, Explo- sions .. .. .	2506	2475	2660	285	323	349	325	357	373	319	2868	338
By Drowning .. .. .				298	322	342	311	307	260	324		271
By Suffocation in Bed ..				626	621	574	518	631	643	595		660
By Poisons or poisonous Vapours .. .. .				98	90	104	115	120	100	136		121
Other or not stated Causes				954	868	1081	929	962	1049	1056		1099
HOMICIDE.‡												
Murder and Manslaughter..	76	79	73	67	67	58	58	72	70	66	72	73
SUICIDE.‡												
Suicide .. .. .	400	373	351	430	450	448	464	482	426	443	447	437
EXECUTION.												
Hanging .. .. .	1	1	4	3	6	1	1	3	7	1	3	1
OTHER CAUSES .. .. .	2923	2784	3003	2911	3044	3262	2665	3118	2719	2500	3033	2691

\* See note †, Table 1.

† See note † on preceding page.

‡ The evidence at inquests is often insufficient to enable the coroner to certify whether a violent death resulted from accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 16.—Deaths REGISTERED from different Causes in London, in each Quarter of 1898, and in several Groups of Ages during the 52 Weeks of 1898.\*

CAUSES OF DEATH.	Quarter ending				Fifty-two Weeks ending December 31st 1898.							
	Apr. 2 (13 wks.)	July 2 (13 wks.)	Oct. 1 (13 wks.)	Dec. 31 (13 wks.)	TOTAL AT ALL AGES.	Under 1 Year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and up- wards.
ALL CAUSES .. ..	24427	18444	21761	19304	83936	22140	12044	4262	9955	15437	16363	3735
Small-pox† { Vaccinated .. ..	—	—	—	—	—	—	—	—	—	—	—	—
{ Unvaccinated .. ..	—	—	—	—	—	—	—	—	—	—	—	—
{ No statement .. ..	—	—	—	1	1	—	—	—	—	1	—	—
Measles .. ..	1494	1078	238	265	3075	648	2297	123	4	3	—	—
Scarlet Fever .. ..	182	154	108	139	583	25	384	151	19	4	—	—
Typhus .. ..	—	2	—	2	4	—	—	—	4	—	—	—
Relapsing Fever .. ..	—	—	—	—	—	—	—	—	—	—	—	—
Influenza .. ..	858	212	63	150	1283	55	61	63	165	344	503	92
Whooping-cough .. ..	817	673	430	240	2160	896	1204	59	1	9	—	—
Diphtheria .. ..	534	367	360	511	1772	117	1087	536	20	2	3	—
Simple and Ill-defined Fever .. ..	2	1	3	3	9	1	—	3	—	2	1	1
Enteric Fever .. ..	103	72	119	291	585	—	18	176	294	86	11	—
Cholera and Chol. Diarrhoea .. ..	—	—	126	4	130	91	19	2	2	9	7	—
Diarrhoea, Dysentery .. ..	131	184	358	473	4376	3461	612	10	18	62	156	57
Remittent Fever .. ..	—	3	1	—	4	2	—	—	—	2	—	—
Hydrophobia .. ..	—	—	—	—	—	—	—	—	—	—	—	—
Glanders .. ..	—	1	1	—	2	—	—	1	1	—	—	—
Cow-pox & effects of Vaccin. .. ..	5	2	—	1	8	8	—	—	—	—	—	—
Veneral Affections .. ..	131	90	115	85	421	242	25	8	54	61	26	5
Erysipelas .. ..	43	40	30	52	165	42	2	2	18	46	46	9
Pyæmia, Septicæmia .. ..	20	17	9	21	67	17	3	7	17	18	5	—
Puerperal Fever .. ..	45	49	25	65	184	—	—	8	160	16	—	—
Other Zymotic Diseases .. ..	16	17	19	10	62	16	21	1	10	5	8	1
Thrush .. ..	6	5	11	5	27	27	—	—	—	—	—	—
Worms and other Para- sitical Diseases. } .. ..	2	7	5	6	20	1	1	3	9	4	2	—
Starvation, Want of Breast- milk. } .. ..	24	5	18	17	64	54	3	—	2	3	2	—
Alcoholism .. ..	176	149	167	174	666	—	—	1	205	380	79	1
Rheumatic Fever, Rheuma- tism of Heart. } .. ..	91	87	90	99	367	2	12	139	109	74	30	1
Rheumatism .. ..	34	20	25	20	99	—	—	1	9	30	52	7
Gout .. ..	39	35	28	35	137	—	—	—	1	42	82	12
Rickets .. ..	77	81	76	44	278	117	156	4	1	—	—	—
Cancer .. ..	991	999	1078	1016	4084	8	14	35	332	1827	1713	155
Tabes Mesenterica .. ..	198	180	391	231	1000	603	235	79	51	23	9	—
Tubercular Meningitis .. ..	302	319	371	240	1232	401	581	203	38	9	—	—
Phthisis .. ..	2285	1915	1734	2032	7966	93	206	553	3589	2951	562	12
Scrofula, Tuberculosis .. ..	231	251	262	236	980	283	270	197	138	70	19	3
Other Constitutional Diseases .. ..	181	161	161	190	693	31	24	57	132	195	233	21
Premature Birth .. ..	665	619	703	676	2663	2662	1	—	—	—	—	—
Atelectasis .. ..	60	70	39	59	228	—	—	—	—	—	—	—
Congenital Malformations .. ..	134	94	101	86	415	379	26	7	2	1	—	—
Old Age .. ..	786	555	546	643	2530	—	—	—	—	6	1210	1314
Apoplexy .. ..	587	498	420	587	2092	6	8	7	103	663	1085	220
Epilepsy .. ..	82	88	97	81	348	5	8	49	116	96	72	2
Convulsions .. ..	449	380	452	358	1639	1442	181	11	3	1	1	—
Other Diseases of Brain and Nervous System. } .. ..	1165	937	991	964	4057	526	467	214	464	909	1239	238
Diseases of Organs of Special Sense. } .. ..	67	35	49	55	206	48	38	53	41	13	13	—
Diseases of Circulatory System .. ..	1941	1587	1506	1779	6813	91	54	402	984	2190	2741	351

Note.—For the population at each group of ages, estimated in the middle of 1898, see Table 25.

\* See note †, Table 1.

† Only those cases of small-pox are returned as "Vaccinated" or as "Unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "No statement."



TABLE 16 (continued).—Deaths REGISTERED from different Causes in London, in each Quarter of 1898, and in several Groups of Ages during the 52 Weeks of 1898.\*

CAUSES OF DEATH.	Quarter ending				Fifty-two Weeks ending December 31st 1898.							
	Apr. 2 (13 wks.)	July 2 (13 wks.)	Oct. 1 (13 wks.)	Dec. 31 (13 wks.)	TOTAL AT ALL AGES.	Under 1 Year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and up- wards.
Group .. .. .	23	11	5	18	57	8	41	8	—	—	—	—
Bronchitis .. .. .	3565	1474	882	1853	7779	1867	971	65	185	1145	2890	658
Pneumonia .. .. .	1914	1228	953	1345	5440	1425	1652	206	555	828	670	106
Pleurisy .. .. .	71	84	41	85	281	25	27	13	67	67	71	11
Other Diseases of Respira- tory System. }	443	243	197	266	1149	194	147	38	78	282	340	70
Dentition .. .. .	107	105	84	64	360	220	139	1	—	—	—	—
Quinsy, Sore Throat .. ..	20	7	11	18	56	9	23	8	8	5	3	—
Enteritis .. .. .	191	231	1583	484	2489	1721	343	99	102	99	107	18
Peritonitis .. .. .	68	75	65	72	280	14	14	61	82	64	39	7
Diseases of Liver .. .. .	301	280	323	344	1248	103	8	18	160	560	377	21
Other Diseases of Digestive System. }	391	382	447	367	1587	427	78	68	221	334	392	67
Diseases of Lymphatic Sys- tem and Ductless Glands. }	30	32	21	31	114	7	7	23	29	32	13	3
Diseases of Urinary System ..	609	635	560	607	2411	35	38	97	366	682	873	120
Diseases of Generative System	61	64	70	73	268	9	6	7	99	103	40	4
Accidents of Childbirth ..	39	52	48	38	177	—	1	5	144	27	—	—
Diseases of Locomotive System	59	55	49	47	210	17	28	51	37	36	33	8
Diseases of Integumentary System. }	83	84	72	91	330	94	22	5	21	50	96	42
VIOLENT DEATHS.† (ACCIDENT.)												
On Railways .. .. .	31	25	23	30	109	—	2	10	43	37	17	—
By Vehicles or Horses .. ..	68	81	94	66	309	4	38	59	59	84	54	11
In Ships, Boats, Docks (exclu- sive of Drowning).	10	3	6	11	30	—	—	1	13	14	2	—
In Building Operations .. ..	7	12	15	13	47	—	—	2	15	26	4	—
In Conflagrations .. .. .	12	2	2	3	19	2	7	3	2	—	5	—
By Burns, Scalds, Explosions	113	67	65	93	333	23	165	58	29	26	26	11
By Drowning .. .. .	59	70	94	48	271	16	8	57	88	78	24	—
By Suffocation in Bed .. ..	191	175	106	188	660	644	7	1	3	4	1	—
By Poisons or Poisonous Vapours.	29	28	35	29	121	6	14	10	39	43	9	—
Other or not stated Causes ..	257	256	309	277	1099	203	92	97	173	232	236	66
(VIOLENCE OTHER THAN ACCIDENTAL.)												
Homicide .. .. .	18	25	14	16	73	25	4	3	28	9	4	—
Suicide .. .. .	107	117	120	93	437	—	—	11	173	169	80	4
Execution .. .. .	—	—	—	1	1	—	—	—	1	—	—	—
OTHER CAUSES .. .. .	594	504	911	682	2691	2414	144	12	19	48	48	8

Note.—For the population at each group of ages, estimated in the middle of 1898, see Table 25.

\* See note †, Table 1.

† The evidence at inquests is often insufficient to enable the coroner to certify whether a violent death resulted from accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 17.-Deaths REGISTERED in the London Registration Districts, and Mean Temperature and Registered Sunshine at Greenwich, in each of the 11 Years 1888-1898.

REGISTRATION DISTRICTS.	AREA in Acres.*	Persons to an Acre, 1896.	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898
Mean Temperature	—	—	47°·7	48°·8	48°·6	48°·4	48°·1	51°·1	49°·9	49°·3	50°·1	50°·3	51°·3
Registered Sunshine in Hours.	—	—	1068	1156	1255	1222	1277	1454	1052	1225	1016	1540	1415
LONDON.	74,672	59	79,244	76,162	89,268	90,595	88,440	91,552	77,407	87,298	82,390	81,119	83,936
1a. PADDINGTON	1256	99	2152	1925	2276	2347	2311	2280	1925	2260	2066	1954	2189
1b. KENSINGTON	2188	78	3082	2710	3309	3634	3303	3223	2983	3070	3117	3036	3161
2. FULHAM .....	3987	55	3207	3183	3632	3644	3895	3886	3625	3981	3863	3822	4083
3. CHELSEA ....	794	122	1997	1981	2064	2232	2173	2127	1735	2013	1881	1779	1826
4. ST. GEO. HAN-OVER SQUARE.	1940	69	2855	2713	3090	2984	2821	2774	2367	2557	2338	2435	2504
5. WESTMINSTER	216	162	634	692	691	642	567	578	467	507	517	446	470
6. MARYLEBONE	1506	94	2606	2363	2797	2834	2689	2651	2226	2494	2463	2220	2179
7. HAMPSTEAD ...	2248	34	778	835	1064	1019	1173	1452	1325	1278	1276	1222	1291
8. PANCRAS ...	2672	90	4782	4664	5166	5384	5243	5208	4252	4908	4475	4642	4645
9. ISLINGTON ....	3109	108	5206	5093	5862	6326	5983	6317	5103	5779	5661	5377	5741
10. HACKNEY ....	3937	63	3823	3613	4399	4417	4509	4757	3827	4484	4029	4265	4262
11. ST. GILES ....	244	157	694	704	821	893	733	710	603	715	573	544	626
12. STRAND .....	403	62	923	885	910	1052	929	962	821	918	808	795	770
13. HOLBORN ....	811	171	2937	2530	3088	3282	2984	3096	2297	2826	2468	2591	2589
14. LONDON CITY	672	47	1308	1177	1380	1295	1191	1388	1058	1133	1109	1094	999
15. SHOREDITCH..	648	189	2962	2635	3248	3192	2939	3196	2569	2974	2623	2659	2707
16. BETHNAL GREEN.	755	171	2852	2620	2876	3107	2824	3034	2411	2579	2679	2538	2633
17. WHITECHAPEL	379	208	2181	2176	2492	2437	2355	2683	2322	2552	2322	2377	2379
18. ST. GEORGE-IN-THE-EAST.	244	195	1120	1018	1309	1102	1026	1153	952	1095	943	1041	987
19. STEPNEY.....	465	125	1354	1266	1500	1320	1375	1396	1206	1354	1203	1304	1272
20. MILE END OLD TOWN.	677	164	1987	1948	2263	2070	2250	2166	1960	2205	1960	1829	1948
21. POPLAR .....	2333	73	3521	3274	3989	3770	3872	3925	3384	3931	3596	3471	3684
22. ST. SAVIOUR SOUTHWARK.	1119	185	3597	3797	4171	4187	3939	4075	3306	3987	3374	3548	3382
23. ST. OLAVE SOUTHWARK.	1506	91	3168	3109	3461	3552	3369	3461	2983	3233	3219	3125	3047
24. LAMBETH ....	3941	75	5182	5166	5819	6085	5841	6165	5225	5887	5288	5507	5567
25. WANDSWORTH	11454	31	4330	3973	4905	4787	5016	5093	4497	5391	5513	5115	5494
26. CAMBERWELL	4450	57	4187	4193	4624	4876	4984	5024	4307	4953	4786	4527	4639
27. GREENWICH..	3425	51	3017	3065	3320	3498	3482	3692	3080	3373	3376	3144	3375
28. LEWISHAM ..	10793	10	1216	1123	1254	1326	1370	1384	1298	1444	1422	1362	1762
29. WOOLWICH ..	6500	18	1559	1717	1906	2013	1812	1971	1585	1782	1950	1868	2190
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON†	—	—	27	141	1482	1288	1482	1725	1708	1635	1492	1482	1535

NOTE.—This Table is compiled from the Abstracts which appear in the Registrar-General's Annual Reports, excepting for the year 1898, for which the numbers are derived from the Weekly Returns embracing 52 weeks.

\* For area of Greater London see Table 9.

† For the years 1888-89 the figures refer to the Metropolitan Asylum Small-pox and Fever Hospitals only; for the years 1890-1898 the London County, and Metropolitan Lunatic and Imbecile Asylums are added.



TABLE 18.—LONDON.—POPULATION; and BIRTHS and DEATHS in REGISTRATION DISTRICTS during the 52 Weeks of 1898.

REGISTRATION DISTRICTS.	Enumerated Population, 1890.	Total Births in 52 Weeks.	Total Deaths in 52 Weeks.	The DEATHS registered in the 52 Weeks include																
				Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple Continued Fevrr.	Diarrhoea.	Cholera.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON .. ..	4411710	132432	83936	22140	20098	1	3075	583	1772	2160	4	585	9	4376	130	3514	7524	24321	528	
WEST DISTRICTS.																				
a. PADDINGTON ..	124506	2967	2189	506	587	—	97	2	29	44	—	15	1	88	—	129	220	601	—	
b. KENSINGTON ..	170465	3633	3161	670	1038	—	125	1	5	51	1	10	—	121	6	85	206	1102	2	
c. FULHAM ..	217980	7333	4083	1291	842	—	194	104	144	77	1	31	1	298	11	159	339	922	5	
d. CHELSEA ..	96646	2332	1826	432	475	—	96	1	16	26	—	5	—	78	1	56	155	607	1	
e. ST. GEORGE, HANOVER SQUARE.	138556	2492	2504	407	684	—	82	—	25	60	—	33	—	72	—	150	297	1104	10	
f. WESTMINSTER ..	35098	707	470	102	148	—	20	—	—	1	—	1	—	13	1	15	33	107	3	
NORTH DISTRICTS.																				
g. MARYLEBONE ..	141188	4061	2179	525	536	—	118	3	16	43	—	13	—	63	1	81	200	447	8	
h. HAMPSTEAD ..	75449	1516	1291	198	326	—	31	95	182	27	—	51	1	25	1	39	72	552	—	
i. PANCRAS ..	240764	6857	4645	1149	1108	—	108	1	40	88	—	31	—	214	4	232	476	1610	2	
j. ISLINGTON ..	336764	9442	5741	1506	1475	—	335	11	36	177	1	24	—	301	13	168	428	1279	5	
k. HACKNEY ..	246529	7284	4262	1100	1115	1	130	33	239	105	1	59	—	216	6	157	370	1076	1	
CENTRAL DISTRICTS.																				
l. ST. GILES ..	38237	1026	626	142	167	—	26	—	1	8	—	2	—	22	1	17	50	182	—	
m. STRAND ..	24916	414	770	94	185	—	10	1	4	6	—	18	—	14	—	51	94	600	1	
n. HOLBORN ..	138771	4732	2589	898	403	—	126	2	49	70	—	4	—	161	1	102	226	800	8	
o. LONDON CITY ..	31711	469	999	100	187	—	11	—	17	4	—	14	1	15	1	117	171	651	6	
EAST DISTRICTS.																				
p. SHOREDITCH ..	122358	4266	2707	842	645	—	106	5	27	97	—	10	—	197	3	106	325	767	2	
q. BETHNAL GREEN ..	129162	4779	2633	838	529	—	148	3	30	120	—	8	—	137	1	94	290	619	3	
r. WHITECHAPEL ..	78676	3123	2379	517	331	—	52	—	37	24	—	28	—	56	—	187	380	1440	1	
s. ST. GEORGE IN THE EAST	47506	2083	987	353	171	—	30	1	2	35	—	2	—	49	—	34	115	267	—	
t. STEPNEY ..	58305	1912	1272	546	142	—	57	1	13	64	—	4	1	148	5	63	166	353	2	
u. MILE END OLD TOWN.	111060	4294	1948	627	513	—	87	2	28	72	—	2	—	131	1	55	202	399	—	
v. POPLAR ..	169267	5907	3684	1092	810	—	133	8	55	124	—	19	1	223	6	186	499	910	—	
SOUTH DISTRICTS.																				
w. ST. SAVIOUR, SOUTHWARK.	206582	7042	3382	1219	536	—	108	8	30	104	—	12	—	299	2	134	308	306	54	
x. ST. OLAVE, SOUTHWARK.	137585	4745	3047	779	601	—	92	8	29	70	—	14	—	102	2	230	320	1056	58	
y. LAMBETH ..	295033	9266	5567	1447	1456	—	137	22	140	155	—	42	2	281	7	261	475	1514	53	
z. WANDSWORTH ..	352379	10333	5494	1555	1388	—	223	49	187	153	—	15	1	318	23	206	435	810	33	
aa. CAMBERWELL ..	253076	7425	4639	1192	1344	—	117	4	40	126	—	26	—	259	4	118	241	1216	61	
bb. GREENWICH ..	175774	5625	3375	981	767	—	112	57	135	121	—	48	—	218	16	128	210	870	80	
cc. LEWISHAM ..	105873	2781	1762	433	510	—	38	58	112	39	—	21	—	125	2	52	71	473	31	
dd. WOOLWICH ..	116494	3586	2190	592	512	—	124	43	100	69	—	22	—	123	11	90	130	446	98	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON.	—	—	1535	7	567	—	2	60	4	—	—	1	—	9	—	12	20	1535	—	

TABLE 19.—LONDON.—POPULATION; and BIRTHS and DEATHS in REGISTRATION SUB-DISTRICTS during the 52 Weeks of 1898.

REGISTRATION SUB-DISTRICTS.		Enumerated Population, 1896.	Total Births in 52 Weeks.	Total Deaths in 52 Weeks.	The DEATHS registered in the 52 Weeks include																	Deaths in Public Institu- tions.	Uncertified Causes of Death.
					Deaths of		Deaths from											Inquest Cases.					
							Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.		Cholera.	Violence.			
WEST DISTRICTS.																							
St. Mary Paddington	G. & W.	90996	2560	1569	441	415	—	91	2	24	40	—	6	1	72	—	50	117	277	—			
WHH.																							
St. John Paddington	H .. G.	33510	407	620	65	172	—	6	—	5	4	—	9	—	16	—	79	103	324	—			
Kensington Town	Ww .. W.	122164	3078	2630	609	849	—	117	1	4	50	1	9	—	112	5	64	166	961	2			
Brompton	HH .. W. & C.	48301	555	531	61	189	—	8	—	1	1	—	1	—	9	1	21	40	141	—			
St. Peter Hammersmith	.. W.	9097	242	100	28	25	—	6	1	1	1	—	1	—	12	2	6	8	—	—			
St. Paul Hammer-smith	W. & G.	95102	2784	1569	477	375	—	112	2	7	34	—	9	—	106	6	74	157	139	2			
HH.																							
Fulham	Ww. .. W. & C.	113781	4307	2414	786	442	—	76	101	136	42	1	21	1	180	3	79	174	783	3			
Chelsea Kensal Town	.. C.	21450	569	313	121	49	—	27	—	2	8	—	2	—	24	1	7	22	—	—			
Chelsea North	WHHHHH C.	42057	968	930	147	276	—	38	1	7	14	—	1	—	30	—	18	65	483	1			
Chelsea South	HH .. C.	33139	775	583	164	150	—	31	—	7	4	—	2	—	24	—	31	68	124	—			
Mayfair	W .. .. G.	23827	252	543	33	264	—	8	—	1	2	—	1	—	13	—	31	46	392	3			
Belgrave	WHHH .. C.	56140	1159	1025	171	231	—	29	—	11	17	—	18	—	25	—	70	126	426	3			
St. John Westminster	HH C.	31492	804	464	128	100	—	37	—	3	31	—	9	—	19	—	13	53	28	2			
St. Margaret Westminster	H C.	22097	277	472	75	89	—	8	—	10	10	—	5	—	15	—	36	72	258	2			
St. James Westminster	N. & G.	23050	446	314	70	122	—	15	—	—	1	—	—	—	9	1	9	19	78	2			
WHH.																							
St. Anne Soho	HHHHHH N.	12048	261	156	32	26	—	5	—	—	—	—	1	—	4	—	6	14	29	1			
NORTH DISTRICTS.																							
All Souls Marylebone	.. W.	36595	636	746	113	171	—	28	—	8	2	—	6	—	13	—	40	65	309	—			
HHHHHHHH.																							
Rectory Marylebone	W G. & W.	19798	416	258	54	90	—	8	2	3	5	—	2	—	9	—	4	26	68	2			
St. Mary Marylebone	G. & W.	19637	1472	317	102	75	—	18	—	2	11	—	1	—	10	—	8	27	63	3			
HHHH.																							
Christchurch Maryle-bone	.. W.	32547	746	421	131	89	—	42	—	1	15	—	2	—	23	—	18	46	—	1			
H.																							
St. John Marylebone	HHH W.	32611	791	437	125	111	—	22	1	2	10	—	2	—	8	1	11	36	7	2			
Hampstead	.. .. N. & W.	75449	1516	1291	198	326	—	31	95	182	27	—	51	1	25	1	39	72	552	—			
WwHHHH.																							
Regent's Park Pancras	HH W.	37341	933	480	148	113	—	9	—	1	8	—	4	—	24	—	13	48	37	1			
Tottenham-court	.. N. & W.	26757	590	774	136	155	—	12	—	10	10	—	7	—	18	—	37	66	461	—			
wHHHHHH.																							
Gray's Inn Lane	HHH .. N.	29426	856	564	149	95	—	16	—	9	6	—	4	—	20	—	58	93	189	—			
Somers Town	HH .. N.	32161	949	575	177	81	—	20	—	4	20	—	6	—	54	—	37	85	119	—			
Camden Town	WH .. N.	16669	605	621	112	271	—	15	—	3	11	—	—	—	16	—	36	67	443	—			
Kentish Town	WW .. N.	98410	2924	1631	427	393	—	36	1	13	33	—	10	—	82	4	51	117	361	1			
Upper Holloway	.. .. N.	98273	2793	2459	496	701	—	114	1	11	52	—	9	—	83	7	75	154	1250	—			
WWWwHH.																							
Islington South-west	H .. N.	107365	3233	1600	534	323	—	149	6	10	60	—	5	—	120	3	42	142	8	9			
Islington South-east	.. N.	66549	1838	922	282	228	—	45	1	13	36	1	4	—	46	1	31	81	—	—			
Highbury	HH .. N.	64577	1578	760	194	223	—	27	3	2	29	—	6	—	52	2	20	51	21	2			
Stoke Newington	H .. N.	33485	839	419	87	151	1	10	1	2	9	—	1	—	27	—	11	26	1	—			
North Hackney	.. E. & N.	1110	559	147	178	—	19	4	4	16	—	—	3	—	43	—	22	56	—	1			
Central Hackney	wv E. & N.	1464	892	234	144	—	20	28	21	29	—	35	—	29	3	21	53	281	—	—			
South-west Hackney	E. & N.	1938	1060	307	217	—	34	—	15	23	1	14	—	41	—	46	103	259	—	—			
HHH.		213044	1933	1332	325	425	—	47	—	7	28	—	6	—	76	3	57	132	535	—			
South-east Hackney	E. & N.																				Ww H		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different sub-districts:—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. New River; E. East London; and K. the Kent Company.



TABLE 19 (continued). LONDON.—POPULATION; and BIRTHS and DEATHS in REGISTRATION SUB-DISTRICTS during the 52 Weeks of 1898.

REGISTRATION. SUB-DISTRICTS.		Enumerated Population, 1896.	Total Births in 52 Weeks.	The DEATHS registered in the 52 Weeks include																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Total DEATHS in 52 Weeks.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhea.	Cholera.	Violence.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE 19 (continued). LONDON.—POPULATION; and BIRTHS and DEATHS in REGISTRATION SUB-DISTRICTS during the 52 Weeks of 1898.

REGISTRATION SUB-DISTRICTS.		Enumerated Population, 1896.	Total Births in 52 Weeks.	Total Deaths in 52 Weeks.	The DEATHS registered in the 52 Weeks include																	Deaths in Public Institutions	Uncertified Deaths.	Causes of Death.		
					Deaths of		Deaths from																			
							Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple Fever.	Diarrhoea.	Cholera.	Violence.	Inquest Cases.						
SOUTH DISTRICTS.																										
Christchurch South- work WH	L. & S.	13064	383	178	64	27	—	9	—	1	2	—	—	10	—	12	19	8	5							
St. Saviour Southwork	S.	12301	356	186	65	25	—	8	—	2	8	—	1	11	—	5	18	—	8							
Kent-road	S. & L.	22879	828	397	153	55	—	25	—	6	6	—	—	35	—	25	43	—	8							
Borough-road WH	S. & L.	16083	626	477	171	48	—	4	—	6	35	—	3	49	—	25	45	216	5							
London-road HL	L. & S.	21316	684	344	107	61	—	9	—	1	17	—	—	29	—	14	40	20	2							
Trinity Newington	S. & L.	28723	935	405	155	66	—	11	—	2	3	—	1	34	—	14	38	—	6							
St. Peter Walworth W	S. & L.	62045	2154	939	331	181	—	29	—	2	8	—	3	97	—	24	71	—	15							
St. Mary Newington	L. & S.	30171	1076	456	173	73	—	13	—	1	4	—	1	34	—	15	34	—	15							
St. Olave Southwork WH	S.	11731	357	827	131	114	—	8	—	1	6	—	9	—	15	—	141	158	657	8						
Bermondsey* W	S.	85475	3090	1268	439	252	—	52	—	4	16	—	4	—	67	2	47	102	36	37						
Rotherhithe WwH	S. & K.	40379	1298	952	209	235	—	32	—	3	7	—	1	—	20	—	42	60	363	13						
Waterloo-road HH	L. & S.	28396	1381	536	193	79	—	10	—	1	4	—	2	—	31	—	28	58	77	2						
Lambeth Church 1st H	L. & S.	18770	581	838	175	97	—	11	—	1	21	—	10	—	—	118	154	547	5							
Lambeth Church 2nd W.W.	L. & S.	40994	1613	1291	264	465	—	16	—	5	18	—	4	—	63	4	30	77	747	6						
Kennington 1st H	S. & L.	52486	1888	778	260	207	—	53	—	—	14	—	5	—	58	2	29	64	—	3						
Kennington 2nd ..	S. & L.	43244	1009	543	141	168	—	5	—	—	4	—	3	—	36	1	21	42	—	10						
Brixton w ..	L. & S.	81825	2153	1205	334	317	—	20	—	19	89	—	18	—	37	—	26	61	116	22						
Norwood WH ..	L.	29318	641	376	80	123	—	22	—	1	3	—	—	14	—	9	19	15	5							
East Battersea ..	S.	71730	2424	1062	414	150	—	60	—	4	20	—	—	80	8	46	124	—	5							
West Battersea WwH	S.	93385	2723	1700	426	461	—	59	—	2	25	—	6	—	100	—	51	100	1206	20						
Clapham H	S.	46953	1191	623	168	202	—	14	—	7	17	—	—	38	2	21	39	38	5							
Wandsworth WHHL	S.	58101	1821	842	275	210	—	34	—	2	14	—	4	—	65	9	29	72	34	5						
Putney	S.	20566	561	268	67	65	—	14	—	5	17	—	—	19	—	12	20	—	—							
Streatham WwWwL	L.	61644	1613	999	205	300	—	42	—	41	116	—	3	—	42	1	22	37	243	11						
Dulwich ..	L. & S.	7519	89	66	7	37	—	—	—	—	1	—	—	2	—	4	5	—	1							
Camberwell WwL	S. & L.	90286	2427	2286	409	815	—	39	—	2	11	—	13	—	100	—	51	100	1206	20						
Peckham WW ..	S. L. & K.	88242	2737	1369	436	327	—	51	—	1	16	—	8	—	108	4	29	69	10	28						
St. George Camberwell	L. & S.	67029	2172	918	340	165	—	27	—	1	13	—	5	—	49	—	34	67	—	12						
Deptford North ..	K.	36152	1413	574	232	84	—	37	—	2	3	—	—	41	1	31	48	—	18							
Deptford Central w	K.	45441	1613	883	284	106	—	31	—	52	120	—	32	—	70	2	15	42	221	26						
Deptford South ..	K.	33402	699	400	102	117	—	12	—	—	4	—	3	—	27	—	14	22	—	8						
Greenwich West H	K.	23012	676	380	122	104	—	12	—	1	4	—	—	26	8	17	21	24	11							
Greenwich East WH	K.	37767	1224	1138	241	356	—	20	—	2	4	—	9	—	54	5	51	77	625	17						
Eltham wH ..	K.	5911	120	71	19	24	—	—	—	2	3	—	—	6	—	1	—	6	—							
Lee H ..	K.	24222	456	301	56	110	—	4	—	2	5	—	1	—	14	2	10	15	22	6						
Lewisham WwH	K.	38139	1244	952	217	259	—	9	—	57	104	—	13	—	83	—	30	38	429	12						
Sydenham H ..	L.	37601	961	438	141	117	—	25	—	1	4	—	—	22	—	11	17	16	13							
Charlton wHH ..	K.	15928	427	447	86	79	—	9	—	40	94	—	19	—	13	1	22	28	202	8						
Woolwich Dockyard	K.	19355	532	289	103	48	—	30	—	1	15	—	—	25	1	10	14	—	7							
Woolwich Arsenal HHHH	K.	21959	731	361	109	64	—	25	—	3	12	—	1	—	20	1	25	36	16	37						
Plumstead West H	K.	16714	453	242	76	69	—	13	—	1	12	—	—	13	—	4	7	—	13							
Plumstead East WH	K.	42538	1443	851	218	252	—	47	—	3	1	—	1	—	52	8	29	45	228	33						
Banstead Asylum	..	—	—	190	—	57	—	—	—	—	—	—	—	—	—	—	1	—	190	—						
Caterham Asylum	..	—	—	152	—	73	—	—	—	—	—	—	—	—	—	—	1	—	152	—						
Cane Hill Asylum	..	—	—	145	—	44	—	—	—	—	—	—	—	—	—	2	5	—	—							
Hospital Ships and Camp Dartford.	..	—	—	2	—	—	—	—	—	—	2	—	—	—	—	—	—	—	2	—						
Darenth Asylum	..	—	—	73	—	11	—	—	—	—	1	—	—	—	—	—	—	—	73	—						
London County Asylum, Dartford Heath.	..	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—						
Hanwell Asylum	..	—	—	237	—	100	—	—	—	—	—	—	—	—	—	—	1	—	237	—						
Colney Hatch Asylum	..	—	—	209	—	81	—	—	—	—	—	—	—	—	—	—	4	—	209	—						
N. E. Hospital	..	—	—	57	—	6	—	2	—	51	—	—	—	—	—	—	—	—	57	—						
Winchmore Hill Hospital	..	—	—	10	—	—	—	—	—	9	—	—	—	—	—	—	—	—	10	—						
Leavesden Asylum	..	—	—	197	—	89	—	—	—	—	—	—	—	—	—	—	3	—	197	—						
Claybury Asylum	..	—	—	262	—	112	—	—	—	—	—	—	—	—	—	—	5	—	262	—						

\* On 1st September 1898 the sub-districts of St. James Bermondsey and Leather Market were united under the name of Bermondsey. The births and deaths are shown as if the change had taken place at the beginning of the year.



TABLE 20.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the 52 Weeks of 1898.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1891.	The DEATHS registered in the 52 Weeks include																		
				BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
								Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Cholera.	Violence.						
LONDON—OUTER RING ..				368749	1422063	51884	26097	8172	6580	2	702	101	725	635	238	2034	107	827	1677	2863	328	
30:1	Carshalton <i>wHH</i> ..	12228	26108	641	289	82	94	—	4	—	1	8	1	19	—	6	23	5	3			
2	Epsom, <i>part of</i> * <i>WwHH</i> ..	10423	12508	292	232	40	105	—	—	1	3	—	2	9	—	5	16	88	7			
37:1	Godstone, <i>part of</i> * <i>W.</i> ..	2754	1598	58	31	7	13	—	—	—	—	1	—	4	—	1	1	4	—			
38:1	Croydon <i>WwHHH</i> ..	20851	128899	3710	2107	571	697	1	42	10	24	38	13	160	5	63	165	349	1			
2	Mitcham <i>w</i> ..	11697	23072	670	306	104	81	—	16	—	2	—	2	—	—	4	19	1	5			
39:1	Wimbledon <i>HHH</i> ..	3220	25777	961	414	147	114	—	8	2	7	3	1	56	—	16	23	11	1			
2	Kingston <i>W</i> ..	—	33566	1126	630	172	192	—	29	—	12	18	2	32	—	15	34	137	1			
3	Surbiton <i>H</i> ..	14672	12178	276	160	34	53	—	2	—	1	—	1	4	—	9	14	13	—			
4	Esher, <i>part of</i> * <i>HH</i> ..	—	11080	363	169	41	48	—	8	1	9	5	—	5	—	6	12	6	1			
5	Hampton <i>HL</i> ..	4565	18252	485	269	72	78	—	3	—	7	3	5	11	4	13	20	6	3			
40:1	Richmond <i>WH</i> ..	2160	25389	587	457	96	179	—	6	1	5	4	3	17	—	21	27	107	4			
2	Mortlake <i>H</i> ..	2823	16159	431	233	80	48	—	2	1	6	14	3	15	—	22	33	5	1			
41:1	Bromley <i>HHH</i> ..	9127	23815	664	324	99	95	—	3	1	12	11	4	30	—	10	11	32	8			
2	Beckenham <i>H</i> ..	6542	21969	578	262	78	73	—	3	—	5	1	2	22	1	6	8	7	7			
3	Chislehurst, <i>part of</i> * <i>WHH</i> ..	14307	20372	591	327	77	124	—	4	—	2	7	1	20	—	6	11	84	16			
42:1	Bexley <i>HHH</i> ..	12540	30590	1210	638	221	148	—	30	1	50	20	9	69	13	21	25	16	25			
2	Dartford <i>WH part of</i> ..	—	—	—	32	1	20	—	—	—	4	—	1	1	1	1	32	—	—			
124:1	Sunbury <i>w</i> ..	11054	13671	452	212	63	68	—	7	—	4	12	2	24	—	7	10	3	3			
2	Staines <i>WH</i> ..	13277	13221	417	221	55	74	—	9	—	5	6	—	7	2	7	11	41	4			
125:1	Hillingdon <i>WHH</i> ..	6035	12237	354	274	40	94	—	5	2	33	5	4	14	2	6	89	3	1			
2	Uxbridge ..	12757	7253	217	132	28	38	—	3	—	8	1	—	9	—	3	—	—	—			
3	Hayes <i>WH</i> ..	7952	11051	364	153	42	40	—	3	—	2	5	1	5	—	5	7	3	2			
126:1	Isleworth <i>WHH</i> ..	6967	26004	793	607	157	203	—	27	1	10	14	2	37	2	13	22	166	9			
2	Twickenham <i>HH</i> ..	2415	16027	466	264	68	83	—	18	1	2	10	—	13	3	4	11	4				
3	Brentford <i>HHHH</i> ..	4318	37777	1062	618	175	180	—	7	2	7	32	2	36	—	17	30	22	14			
4	Chiswick ..	1245	21963	857	449	137	119	—	33	—	3	7	3	35	—	12	21	—	5			
5	Acton <i>WHH</i> ..	6132	30945	1200	623	222	143	—	8	3	10	11	—	74	1	16	22	5	13			
127:1	Harrow <i>HHH</i> ..	13809	15715	527	231	56	81	—	13	—	—	8	4	21	—	9	12	10	5			
2	Edgware <i>HH</i> ..	6994	3844	105	62	13	19	—	1	—	2	—	—	4	—	1	2	1	1			
3	Willesden <i>HHH</i> ..	4383	61265	3123	1194	427	236	—	45	9	66	30	8	83	9	27	45	79	32			
4	Hendon <i>WH</i> ..	8382	15843	561	380	101	125	—	8	6	5	9	—	31	2	14	28	113	—			
128:1	South Mimms <i>HH</i> ..	21077	6367	203	88	17	30	—	1	—	—	1	1	9	—	2	5	2	—			
2	Barnet <i>WHH</i> ..	14152	441	229	57	88	—	—	2	—	—	4	1	9	—	5	11	50	5			
3	Finchley <i>HHH</i> ..	4688	25820	715	300	96	92	—	10	—	1	13	5	12	1	12	24	7	—			
129:1	Hornsey <i>HH</i> ..	3039	61097	1766	810	238	236	—	19	—	19	15	7	46	—	15	49	7	—			
2	Tottenham <i>HH</i> ..	4642	97174	3599	1655	613	336	—	48	2	52	50	19	132	11	72	179	66	11			
3	Edmonton <i>WwH</i> ..	7489	36351	1451	852	271	211	—	19	2	7	31	4	113	—	22	72	188	4			
4	Enfield <i>WWHH</i> ..	12602	31536	1127	527	179	122	—	9	3	15	12	1	57	—	12	35	39	4			
5	Waltham Abbey ..	11017	6066	170	83	23	21	1	7	—	4	—	—	7	—	2	7	—	—			
6	Cheshunt <i>H</i> ..	8480	9620	344	163	55	49	—	9	—	3	—	—	20	3	7	9	—	7			
135:1	Hatfield, <i>part of</i> * <i>W</i> ..	3306	582	10	9	1	5	—	—	—	1	—	—	1	—	—	1	2	—			
137:1	Bushey <i>H</i> ..	9331	7737	202	89	27	23	—	1	—	—	2	—	3	1	4	6	6	—			
2	Watford <i>WH part of</i> ..	—	—	—	4	—	2	—	—	1	—	—	—	—	—	—	—	4	—			
186:1	Stratford <i>H</i> ..	—	38612	1670	819	298	116	—	23	3	13	31	12	47	2	43	74	42	26			
2	Plaistow <i>WHHH</i> ..	4706	58030	2886	1309	509	182	—	32	12	114	38	22	95	10	32	61	103	28			
3	Canning Town <i>H</i> ..	—	54750	2663	1183	447	135	—	12	3	32	19	19	102	3	112	156	48	29			
4	Forest Gate <i>w</i> ..	—	55511	1530	746	207	191	—	12	3	25	27	11	32	3	12	20	2	23			
5	East Ham <i>WH</i> ..	3266	32713	2613	963	428	134	—	34	10	22	42	10	88	11	13	50	6	4			
6	Leyton <i>WWWH</i> ..	4394	70188	2735	1723	443	479	—	61	6	30	32	29	110	9	34	111	566	5			
7	Walthamstow <i>HHL</i> ..	6501	57330	2667	1183	442	211	—	37	3	45	31	10	122	7	32	77	30	2			
187:1	Chigwell, <i>part of</i> * <i>HHHH</i> ..	11779	12941	369	205	48	66	—	6	1	5	—	3	19	—	11	16	27	—			
2	Epping <i>WH part of</i> ..	—	—	—	9	—	5	—	—	—	—	—	—	—	—	—	—	9	—			
189:1	Romford, <i>part of</i> * <i>WH</i> ..	6556	4324	165	114	33	30	—	2	—	—	—	3	14	—	3	5	26	1			
2	Ilford ..	8493	10913	697	271	104	57	—	4	—	3	4	2	29	1	6	24	1	1			
3	Barking Town <i>H</i> ..	3814	14301	720	284	129	33	—	5	—	7	17	—	59	—	8	17	7	—			
	Metropolitan Asy. Hosps. ..	—	—	—	—	28	—	—	—	—	7	17	—	1	—	—	—	—	28			
	London Fever Hospital ..	—	—	—	—	6	—	—	—	—	3	3	—	—	—	—	—	—	6			
	Middlesex Co. Lun. Asy. ..	—	—	—	117	1	51	—	—	—	—	—	—	—	—	2	2	117	—			
	London Co. Lunatic Asys. ..	—	—	—	—	27	—	—	—	—	—	—	—	—	—	—	—	—	27			
	City of London Lun. Asy. ..	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1			

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—30:2, Epsom sub-district, except the parish of Ashstead (pop. 1351); 37:1, the parishes of Waringham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 2282); 41:3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3097); 135:1, the parish of Northale in Hatfield sub-district; 187:1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1079); 189:1, the parish of Dagenham in Romford sub-district.

† Deaths belonging to the Outer Ring which occur in certain Workhouses and Hospitals for Infectious Diseases, returned in 42:2, Dartford; 137:2, Watford; and 187:2, Epping sub-districts, are included in this Table.

TABLE 21.—LONDON.—Deaths of Persons belonging to London and its Sanitary Areas registered in the 52 Weeks of 1898.

SANITARY AREAS.	Population estimated to the middle of 1898.	Deaths from											Deaths under 1 year of Age.	
		ALL CAUSES.	Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple Continued Fever.	Diarrhoea.		Phthisis.
REGISTRATION LONDON }	4,504,766	82037	12482	1	3069	581	1756	2157	3	554	9	4352	7746	21931
WEST LONDON .. ..	784,394	13281	1947	1	595	115	249	259	2	87	2	637	1188	3270
NORTH " .. ..	1,061,560	17908	2631	—	721	126	375	440	1	152	1	815	1632	4463
CENTRAL " .. ..	239,567	5268	669	—	181	37	105	87	—	27	1	231	636	1176
EAST " .. ..	720,721	15617	2582	—	618	81	318	536	—	101	2	926	1478	4759
SOUTH " .. ..	1,698,524	29963	4653	—	954	222	709	835	—	187	3	1743	2812	8263
West.														
Paddington .. ..	127,480	2041	307	—	93	8	61	44	—	17	1	83	175	479
Kensington .. ..	172,174	2809	347	—	120	24	26	52	2	13	—	110	217	659
Hammersmith .. ..	107,370	1964	342	—	129	22	23	36	—	12	—	120	159	554
Fulham .. ..	125,275	2155	395	—	59	35	61	41	—	18	1	180	184	722
Chelsea .. ..	96,713	1752	262	—	92	15	41	26	—	14	—	74	168	410
St. George Hanover Sq. ..	80,608	1059	104	1	35	4	10	16	—	9	—	29	105	170
St. Mar. & St. John Wstmr.	52,574	1090	157	—	52	5	22	43	—	3	—	32	138	197
St. James Westminster ..	22,200	411	33	—	15	2	5	1	—	1	—	9	42	79
North.														
St. Marylebone .. ..	140,483	2565	331	—	129	13	45	43	—	22	—	79	251	535
Hampstead .. ..	78,755	917	110	—	26	3	19	27	—	10	1	24	58	189
St. Pancras .. ..	243,416	4651	602	—	111	53	96	87	—	41	—	214	482	1168
Islington .. ..	344,616	5712	958	—	334	26	90	180	1	36	—	291	501	1499
Stoke Newington .. ..	34,660	475	54	—	10	1	5	9	—	2	—	27	36	91
Hackney .. ..	219,630	3588	576	—	111	30	120	94	—	41	—	180	304	981
Central.														
St. Giles .. ..	37,519	756	71	—	26	2	6	9	—	5	—	23	125	141
St. Martin-in-the-Fields..	12,424	192	11	—	1	1	3	1	—	1	—	4	22	28
Strand .. ..	23,284	532	41	—	13	2	4	4	—	4	—	14	77	85
Holborn .. ..	30,056	747	101	—	35	2	22	12	—	2	—	28	95	178
Clerkenwell.. ..	66,120	1432	246	—	61	13	36	35	—	7	—	94	155	406
St. Luke .. ..	41,076	1054	165	—	37	15	24	24	—	2	—	63	108	278
City of London .. ..	29,088	555	34	—	8	2	10	2	—	6	1	5	54	60
East.														
Shoreditch .. ..	121,485	2707	480	—	108	21	44	98	—	17	—	192	245	838
Bethnal Green .. ..	129,027	2872	503	—	152	11	62	119	—	17	—	142	279	877
Whitechapel .. ..	80,559	1622	169	—	45	8	20	24	—	9	—	63	209	449
St. George-in-the-East ..	48,241	1192	159	—	33	6	14	39	—	7	—	60	130	407
Limehouse .. ..	58,661	1390	249	—	57	5	26	62	—	8	1	90	140	398
Mile End Old Town .. ..	112,528	2229	393	—	93	8	63	74	—	13	—	142	164	664
Poplar .. ..	170,220	3605	629	—	130	22	89	120	—	30	1	237	311	1126
South.														
St. Saviour .. ..	24,562	577	76	—	17	1	15	14	—	4	—	25	75	156
St. Geo.-the-Mar. Sthwrk.	60,466	1470	241	—	43	20	36	34	—	9	—	99	192	402
Newington .. ..	123,183	2520	388	—	55	24	72	45	—	10	—	182	298	721
St. Olave .. ..	11,288	232	26	—	5	1	3	11	—	1	—	5	25	47
Bermondsey .. ..	85,738	1771	258	—	59	19	44	47	—	9	—	80	184	485
Rotherhithe.. ..	40,849	773	91	—	33	10	11	15	—	1	—	21	74	220
Lambeth .. ..	304,073	5422	755	—	135	30	114	159	—	35	1	281	506	1425
Battersea .. ..	171,921	2897	503	—	114	28	120	68	—	14	2	157	257	855
Wandsworth .. ..	202,526	2902	484	—	111	16	89	86	—	16	—	166	229	748
Camberwell.. ..	261,189	4261	628	—	117	18	87	128	—	26	—	252	398	1191
Greenwich .. ..	180,441	3336	555	—	108	21	44	122	—	38	—	232	272	988
Lee .. ..	39,717	592	78	—	6	7	14	14	—	7	—	30	46	143
Lewisham (excl. Penge)..	88,562	1350	221	—	35	10	26	32	—	6	—	112	78	372
Woolwich .. ..	41,478	844	171	—	58	5	19	27	—	8	—	54	86	217
Plumstead .. ..	62,531	1016	178	—	58	12	15	33	—	3	—	57	92	293

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 1700 London residents who died outside Registration London in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 1899 cases the previous residence was outside Registration London and these have been excluded from the Table.



TABLE 22.—LONDON.—Death-rates of London and its Sanitary Areas during the 52 Weeks of 1898, after Distribution of Deaths in Public Institutions.

SANITARY AREAS.	PER 1000 PERSONS LIVING.												Deaths under 1 year to 1000 Births registered.	
	Deaths from													
	ALL CAUSES.	Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple Continued Fever.	Diarrhoea.	Phthisis.		
REGISTRATION LONDON .. ..	18'3	2'77	0'00	0'68	0'13	0'39	0'48	0'00	0'12	0'00	0'97	1'72	166	
WEST LONDON .. .. .	17'0	2'48	0'00	0'76	0'15	0'32	0'33	0'00	0'11	0'00	0'81	1'52	170	
NORTH " .. .. .	16'9	2'48	—	0'68	0'12	0'35	0'42	0'00	0'14	0'00	0'77	1'54	153	
CENTRAL " .. .. .	22'1	2'79	—	0'76	0'15	0'44	0'36	—	0'11	0'00	0'97	2'66	170	
EAST " .. .. .	21'7	3'59	—	0'86	0'11	0'44	0'75	—	0'14	0'00	1'29	2'06	181	
SOUTH " .. .. .	17'7	2'74	—	0'56	0'13	0'42	0'49	—	0'11	0'00	1'03	1'66	163	
West.														
Paddington .. .. .	16'1	2'41	—	0'73	0'06	0'48	0'35	—	0'13	0'01	0'65	1'38	161	
Kensington .. .. .	16'4	2'02	—	0'70	0'14	0'15	0'30	0'01	0'08	—	0'64	1'26	181	
Hammersmith .. .. .	18'3	3'19	—	1'20	0'21	0'21	0'34	—	0'11	—	1'12	1'48	183	
Fulham .. .. .	17'2	3'16	—	0'47	0'28	0'49	0'33	—	0'14	0'01	1'44	1'47	168	
Chelsea .. .. .	18'2	2'73	—	0'95	0'16	0'43	0'27	—	0'15	—	0'77	1'74	176	
St. George Hanover Square .. .. .	13'2	1'29	0'01	0'44	0'05	0'12	0'20	—	0'11	—	0'36	1'31	120	
St. Margaret & St. John Westminster .. .. .	20'8	3'00	—	0'99	0'10	0'42	0'82	—	0'06	—	0'61	2'63	182	
St. James Westminster .. .. .	18'6	1'51	—	0'68	0'09	0'23	0'05	—	0'05	—	0'41	1'90	177	
North.														
St. Marylebone .. .. .	18'3	2'36	—	0'92	0'09	0'32	0'31	—	0'16	—	0'56	1'79	132	
Hampstead .. .. .	11'7	1'40	—	0'33	0'04	0'24	0'34	—	0'13	0'01	0'31	0'74	125	
St. Pancras .. .. .	19'2	2'49	—	0'46	0'22	0'40	0'36	—	0'17	—	0'88	1'99	170	
Islington .. .. .	16'6	2'78	—	0'97	0'08	0'26	0'52	0'00	0'10	—	0'85	1'46	159	
Stoke Newington .. .. .	13'7	1'56	—	0'29	0'03	0'14	0'26	—	0'06	—	0'78	1'04	108	
Hackney .. .. .	16'4	2'64	—	0'51	0'14	0'55	0'43	—	0'19	—	0'82	1'39	152	
Central.														
St. Giles .. .. .	20'2	1'88	—	0'69	0'05	0'16	0'24	—	0'13	—	0'61	3'34	137	
St. Martin-in-the-Fields .. .. .	15'5	0'88	—	0'08	0'08	0'24	0'08	—	0'08	—	0'32	1'78	156	
Strand .. .. .	22'9	1'76	—	0'56	0'09	0'17	0'17	—	0'17	—	0'60	3'32	171	
Holborn .. .. .	24'9	3'37	—	1'17	0'07	0'73	0'40	—	0'07	—	0'93	3'17	221	
Clerkenwell .. .. .	21'7	3'75	—	0'93	0'20	0'55	0'53	—	0'11	—	1'43	2'35	196	
St. Luke .. .. .	25'7	4'04	—	0'90	0'37	0'59	0'59	—	0'05	—	1'54	2'64	150	
City of London .. .. .	19'1	1'17	—	0'28	0'07	0'34	0'07	—	0'21	0'03	0'17	1'86	128	
East.														
Shoreditch .. .. .	22'3	3'65	—	0'89	0'17	0'36	0'81	—	0'14	—	1'58	2'02	196	
Bethnal Green .. .. .	22'3	3'90	—	1'18	0'09	0'48	0'92	—	0'13	—	1'10	2'17	184	
Whitechapel .. .. .	20'2	2'10	—	0'56	0'10	0'25	0'30	—	0'11	—	0'78	2'60	144	
St. George-in-the-East .. .. .	24'8	3'31	—	0'69	0'12	0'29	0'81	—	0'15	—	1'25	2'70	195	
Limehouse .. .. .	23'8	4'26	—	0'97	0'09	0'44	1'06	—	0'14	0'02	1'54	2'39	208	
Mill End Old Town .. .. .	19'9	3'51	—	0'83	0'07	0'56	0'66	—	0'12	—	1'27	1'46	155	
Poplar .. .. .	21'2	3'72	—	0'77	0'13	0'52	0'71	—	0'18	0'01	1'40	1'83	191	
South.														
St. Saviour .. .. .	23'6	3'09	—	0'69	0'04	0'61	0'57	—	0'16	—	1'02	3'06	211	
St. George-the-Martyr Southwark .. .. .	24'4	3'99	—	0'71	0'33	0'60	0'56	—	0'15	—	1'64	3'18	188	
Newington .. .. .	20'5	3'17	—	0'45	0'20	0'59	0'37	—	0'08	—	1'48	2'43	173	
St. Olave .. .. .	20'6	2'31	—	0'44	0'09	0'27	0'98	—	0'09	—	0'44	2'22	132	
Bermondsey .. .. .	20'7	3'02	—	0'69	0'22	0'51	0'55	—	0'11	—	0'94	2'15	157	
Rotherhithe .. .. .	19'0	2'24	—	0'61	0'25	0'27	0'37	—	0'02	—	0'52	1'82	169	
Lambeth .. .. .	17'9	2'50	—	0'45	0'10	0'38	0'52	—	0'12	0'00	0'93	1'67	154	
Battersea .. .. .	16'9	2'93	—	0'66	0'16	0'70	0'40	—	0'08	0'01	0'92	1'50	166	
Wandsworth .. .. .	14'4	2'40	—	0'55	0'08	0'44	0'43	—	0'08	—	0'82	1'13	144	
Camberwell .. .. .	16'4	2'41	—	0'45	0'07	0'33	0'49	—	0'10	—	0'97	1'53	160	
Greenwich .. .. .	18'5	3'08	—	0'60	0'12	0'24	0'68	—	0'21	—	1'23	1'61	176	
Lee .. .. .	14'9	1'97	—	0'15	0'18	0'35	0'35	—	0'18	—	0'76	1'16	160	
Lewisham (excluding Penge) .. .. .	15'3	2'50	—	0'40	0'11	0'29	0'36	—	0'07	—	1'27	0'88	161	
Woolwich .. .. .	20'4	4'13	—	1'40	0'12	0'46	0'65	—	0'19	—	1'31	2'08	173	
Plumstead .. .. .	16'3	2'85	—	0'93	0'19	0'24	0'53	—	0'05	—	0'91	1'48	155	

In this Table 0'00 indicates that the deaths were too few to give a rate of 0'005; where no death occurred,—is inserted.

Note.—The rates for Registration London do not in all cases agree with those in other Tables. (See note on preceding page.)

TABLE 23.—Deaths in Public Institutions registered during the 52 Weeks of 1898.

	DEATHS.		
	Persons.	Males.	Females.
TOTAL DEATHS IN PUBLIC INSTITUTIONS .. .. .	24,321	13,763	10,558
WORKHOUSES AND WORKHOUSE INFIRMARIES .. .. .	12,331	6,918	5,413
METROPOLITAN ASYLUM HOSPITALS .. .. .	1,765	910	855
GENERAL HOSPITALS .. .. .	7,322	4,348	2,974
HOSPITALS FOR SPECIAL DISEASES .. .. .	678	369	309
LYING-IN HOSPITALS .. .. .	12	—	12
MILITARY AND NAVAL HOSPITALS .. .. .	105	58	47
HOSPITALS FOR FOREIGNERS .. .. .	185	176	9
LUNATIC ASYLUMS .. .. .	156	106	50
	1,767	878	889

WORKHOUSES AND WORKHOUSE INFIRMARIES.

DISTRICT.	SUB-DISTRICT.	NAME OF INSTITUTION.	DEATHS.		
			Persons.	Males.	Females.
1a.—PADDINGTON ..	1. St. Mary, Paddington	{ WORKHOUSE .. .. .	29	16	13
		{ Infirmary .. .. .	164	88	76
1b.—KENSINGTON ..	1. Kensington Town ..	{ WORKHOUSE .. .. .	3	2	1
		{ Infirmary .. .. .	478	240	238
		Infirmary (Marylebone Union)	480	267	213
2.—FULHAM ..	3. Fulham .. ..	{ WORKHOUSE .. .. .	10	7	3
		{ Infirmary .. .. .	525	253	272
3.—CHELSEA ..	2. Chelsea, North ..	{ WORKHOUSE .. .. .	24	11	13
		{ Infirmary .. .. .	255	144	111
4.—ST. GEORGE, HANOVER SQUARE.	1. Mayfair .. ..	{ WORKHOUSE .. .. .	17	12	5
		{ Infirmary .. .. .	375	203	172
	2. Belgrave .. ..	WORKHOUSE, Wallis's Yard .. .. .	1	1	—
5.—WESTMINSTER ..	1. St. James, Westmnstr.	WORKHOUSE .. .. .	78	37	41
6.—MARYLEBONE ..	2. Rectory .. ..	WORKHOUSE .. .. .	68	42	26
7.—HAMPS TEAD ..	1. Hampstead .. ..	WORKHOUSE .. .. .	90	43	47
8.—PANCRAS ..	2. Tottenham Court ..	Workhouse Infirmary (Central London Sick Asylum) ..	185	128	57
	5. Camden Town ..	WORKHOUSE .. .. .	392	185	207
	6. Kentish Town ..	Infirmary .. .. .	361	213	148
9.—ISLINGTON ..	1. Upper Holloway ..	{ WORKHOUSE .. .. .	26	16	10
		{ Infirmary .. .. .	649	354	295
		WORKHOUSE, Cornwallis Road .. .. .	5	3	2
		WORKHOUSE, Highgate Hill .. .. .	6	3	3
		WORKHOUSE Schools .. .. .	3	2	1
		Infirmary (Holborn Union) .. .. .	392	260	132
10.—HACKNEY ..	3. Central Hackney ..	Workhouse (City of London Union) ..	6	2	4
	5. South East Hackney	{ WORKHOUSE .. .. .	5	3	2
		{ Infirmary .. .. .	529	291	238
11.—ST. GILES ..	2 St. Giles, South ..	WORKHOUSE .. .. .	130	77	53
12.—STRAND ..	2. Strand .. ..	WORKHOUSE .. .. .	13	4	9
13.—HOLBORN ..	1. Holborn .. ..	Workhouse (Marylebone Union) ..	4	2	2
14.—LONDON CITY ..	3. St. Sepulchre .. ..	WORKHOUSE .. .. .	5	2	3
15.—SHOREDITCH ..	2. Hoxton New Town ..	Workhouse (Holborn Union) .. .. .	240	126	114
	4. Haggerston .. ..	{ WORKHOUSE .. .. .	—	—	—
		{ Infirmary .. .. .	383	239	144
16.—BETHNAL GREEN	3. Bethnal Green, East..	WORKHOUSE .. .. .	502	294	208
17.—WHITECHAPEL ..	2. Mile End New Town	Infirmary .. .. .	369	233	136
18.—ST. GEORGE-IN- THE-EAST.	2. St. John .. ..	{ WORKHOUSE .. .. .	3	2	1
		{ Infirmary .. .. .	264	138	126
19.—STEPNEY ..	2. Ratcliff .. ..	WORKHOUSE .. .. .	—	—	—
20.—MILE END OLD TOWN.	2. Mile End Old Town, Eastern.	{ WORKHOUSE .. .. .	11	5	6
		{ Infirmary .. .. .	288	159	129
		WORKHOUSE Schools .. .. .	—	—	—
		Workhouse (Whitechapel Union) ..	38	15	23
		Infirmary, part of (City of London Union)	48	2	46
21.—POPLAR ..	2. Bromley .. ..	Infirmary, part of (City of London Union)	61	51	9
		Infirmary (Poplar and Stepney Sick Asylum)	583	351	232
		Workhouse (Stepney Union) .. .. .	96	47	49
	3. Poplar .. ..	WORKHOUSE .. .. .	58	27	31
		Infirmary (North Street) .. .. .	3	—	3



TABLE 23.—Deaths in Public Institutions registered during the 52 Weeks of 1898—continued.

DISTRICT.	SUB-DISTRICT.	NAME OF INSTITUTION.	Deaths.		
			Persons.	Males.	Females.
22.—ST SAVIOUR, SOUTHWARK.	1. Christchurch, South- wark.	WORKHOUSE .. .. .	8	8	—
	4. Borough Road..	WORKHOUSE .. .. .	19	12	7
23.—ST. OLAVE, SOUTHWARK.	7. St. Peter, Walworth..	WORKHOUSE .. .. .	62	39	23
	1. St. Olave..	WORKHOUSE .. .. .	39	21	18
	2. Bermondsey ..	WORKHOUSE .. .. .	36	9	27
	3. Rotherhithe ..	Infirmary .. .. .	363	205	158
24.—LAMBETH..	3. Lambeth Church, Second.	{ WORKHOUSE, Renfrew Road .. .. . Infirmary, Brook Street .. .. . WORKHOUSE (Princes Road, .. .. . WORKHOUSE Schools.. .. .	31 715 1 7	21 377 1 4	10 338 — 3
25.—WANDSWORTH..	7. Norwood ..	Infirmary .. .. .	470	273	197
	2. West Battersea ..	Workhouse Schools (Westminster Union) .. .. .	—	—	—
	4. Wandsworth ..	WORKHOUSE .. .. .	5	3	2
	6. Streatham ..	WORKHOUSE (Tooting Home) .. .. .	12	3	9
		Workhouse, Fairfield House (Chelsea Union) .. .. .	1	1	—
26.—CAMBERWELL ..	2. Camberwell ..	{ WORKHOUSE .. .. . Infirmary .. .. . Infirmary (St. Saviour's Union) .. .. . WORKHOUSE (Gordon Road) .. .. . WORKHOUSE (Willowbrook Road) .. .. .	134 347 641 10 —	73 189 397 7 —	61 168 244 3 —
27.—GREENWICH ..	5. Greenwich, East ..	{ WORKHOUSE .. .. . Infirmary .. .. . Workhouse (St. Mary's Roman Catholic Schools) .. .. .	117 383 2	65 211 2	52 172 —
28.—LEWISHAM ..	1. Eltham ..	WORKHOUSE .. .. .	5	3	2
	3. Lewisham ..	{ WORKHOUSE .. .. . Infirmary .. .. .	242 2	138 —	104 2
29.—WOOLWICH ..	5. Plumstead, East ..	{ WORKHOUSE .. .. . Infirmary .. .. .	226 2	118 —	108 —
38.—CROYDON ..	2. Mitcham ..	Workhouse (Holborn Union) .. .. .	45	27	18
129.—EDMONTON ..	3. Edmonton ..	Workhouse (Strand Union) .. .. .	83	40	43

## METROPOLITAN ASYLUM HOSPITALS (LONDON RESIDENTS ONLY).

2.—FULHAM ..	3. Fulham ..	Western Fever Hospital .. .. .	248	130	118
7.—HAMPSTEAD ..	1. Hampstead ..	North Western Fever Hospital .. .. .	334	162	172
10.—HACKNEY ..	3. Central Hackney ..	Eastern Fever Hospital .. .. .	275	144	131
24.—LAMBETH ..	6. Brixton ..	South Western Fever Hospital .. .. .	116	61	55
25.—WANDSWORTH..	6. Streatham ..	Fountain Fever Hospital .. .. .	159	96	63
27.—GREENWICH ..	2. Deptford, Central ..	South Eastern Fever Hospital .. .. .	221	104	117
28.—LEWISHAM ..	3. Lewisham ..	Park Fever Hospital .. .. .	182	94	88
29.—WOOLWICH ..	1. Charlton ..	Brook Fever Hospital.. .. .	161	84	77
42.—DARTFORD ..	2. Dartford..	Hospital Ships (Small-pox) .. .. .	—	—	—
		Gore Farm Convalescent Hospital (Small-pox) .. .. .	2	2	—
129.—EDMONTON ..	2. Tottenham ..	North Eastern Fever Hospital .. .. .	57	27	30
	3. Edmonton ..	Northern Convalescent Fever Hospital .. .. .	10	6	4

## GENERAL HOSPITALS.

14.—PADDINGTON ..	1. St. Mary, Paddington	Children's Hospital .. .. .	82	44	38
	2. St. John, Paddington	St. Mary's Hospital .. .. .	324	196	128
15.—KENSINGTON ..	2. Brompton ..	Queen's Jubilee Hospital .. .. .	7	6	1
2.—FULHAM ..	2. St. Paul, Hammersmith	West London Hospital .. .. .	138	84	54
3.—CHELSEA ..	2. Chelsea, North..	St. Camillo's Hospital .. .. .	2	2	—
	3. Chelsea, South ..	Victoria Hospital for Children .. .. .	117	68	49
		Cheyne Hospital for Children .. .. .	7	2	5
4.—ST. GEORGE, HANOVER SQUARE.	2. Belgrave..	St. George's Hospital.. .. .	388	248	140
		Belgrave Hospital for Children .. .. .	37	20	17
5.—WESTMINSTER ..	4. St. Margaret, Westmr.	Westminster Hospital .. .. .	258	154	104
	2. St. Anne, Soho..	Home Hospital .. .. .	2	2	—
6.—MARYLEBONE ..	1. All Souls ..	Middlesex Hospital .. .. .	297	173	124
		St. Elizabeth's Home .. .. .	6	—	6
		Ladies' Hospital, Harley Street .. .. .	—	—	—
	3. St. Mary ..	Samaritan Free Hospital .. .. .	21	—	21
	4. Christchurch ..	Home for Incurables .. .. .	—	—	—
	5. St. John ..	Hospital for Incurable Children .. .. .	1	—	1
7.—HAMPSTEAD ..	1. Hampstead ..	St. John and St. Elizabeth Hospital .. .. .	5	—	5
		St. Peter's Home, Kilburn .. .. .	14	—	14
		Hampstead Home Hospital.. .. .	12	9	3
		Hospital for Incurables (Friedenheim).. .. .	75	42	33
8.—PANCRAS ..	1. Regent's Park ..	St. Luke's House .. .. .	34	9	25
	2. Tottenham Court ..	University College Hospital .. .. .	260	144	116
		Home Hospital .. .. .	13	7	6
		Medical and Surgical Home .. .. .	2	2	—
	3. Gray's Inn Lane ..	Royal Free Hospital .. .. .	183	118	65
	4. Somers Town ..	London Temperance Hospital .. .. .	107	59	48
	5. Camden Town..	North-West London Hospital .. .. .	51	30	21

TABLE 23.—Deaths in Public Institutions registered during the 52 Weeks of 1898—continued.

DISTRICT.	SUB-DISTRICT.	NAME OF INSTITUTION.	Deaths.		
			Persons.	Males.	Females.
9.—ISLINGTON.. ..	1. Upper Holloway ..	Great Northern Central Hospital .. .. .	169	106	63
	4. Highbury .. ..	Winifred House Convalescent Home .. .. .	—	—	—
		Mildmay Memorial Cottage Hospital .. .. .	16	9	7
10.—HACKNEY .. ..	1. Stoke Newington ..	Invalid Home .. .. .	5	—	5
	4. South West Hackney ..	Invalid Asylum .. .. .	1	—	1
	5. South East Hackney ..	Metropolitan Free Hospital .. .. .	131	90	41
		Jewish Home and Hospital for Incurables .. .. .	1	—	1
12.—STRAND .. ..	1. St. Martin in the Fields ..	Charing Cross Hospital .. .. .	190	124	66
13.—HOLBORN .. ..	2. Strand .. ..	King's College Hospital .. .. .	193	124	69
	1. Holborn.. ..	London Homœopathic Hospital .. .. .	73	39	34
		St. John and St. Elizabeth Hospital .. .. .	—	—	—
14.—LONDON CITY ..	1. St. Botolph .. ..	Hospital for Sick Children .. .. .	296	170	126
	3. St. Sepulchre .. ..	City Police Hospital .. .. .	—	—	—
		St. Bartholomew's Hospital .. .. .	607	387	220
15.—SHOREDITCH ..	1. Shoreditch, South ..	Convent Hospital .. .. .	5	2	3
	4. Haggerston .. ..	North Eastern Children's Hospital .. .. .	98	62	36
16.—BETHNAL GREEN ..	1. Bethnal Green, North ..	Mildmay Medical Mission Hospital .. .. .	24	14	10
17.—WHITECHAPEL ..	3. Whitechapel Church ..	London Hospital .. .. .	1071	655	416
19.—STEPNEY .. ..	1. Shadwell .. ..	East London Children's Hospital .. .. .	353	189	164
21.—POPLAR .. ..	2. Bromley .. ..	Poplar Hospital .. .. .	53	41	12
22.—ST. SAVIOUR, SOUTHWARK.	4. Borough Road .. ..	Evelina Hospital for Children .. .. .	197	109	88
23.—ST. OLAVE, SOUTHWARK.	1. St. Olave, Southwark ..	Guy's Hospital .. .. .	618	359	259
24.—LAMBETH.. ..	3. Rotherhithe .. ..	Lady Gomm Cottage Hospital .. .. .	—	—	—
	1. Waterloo Road .. ..	Royal Hospital for Women and Children .. .. .	62	25	37
	2. Lambeth Ch., First ..	St. Thomas's Hospital .. .. .	547	355	192
	7. Norwood .. ..	British Home for Incurables .. .. .	8	2	6
25.—WANDSWORTH ..	2. West Battersea .. ..	Bolingbroke House Hospital .. .. .	25	16	9
	3. Clapham .. ..	The Hostel of God .. .. .	38	9	29
	4. Wandsworth .. ..	Royal Hospital for Incurables .. .. .	13	2	11
27.—Greenwich .. ..	4. Greenwich, West ..	Cottage Home .. .. .	—	—	—
23.—LEWISHAM .. ..	1. Eltham .. ..	Miller Memorial Hospital .. .. .	24	12	12
	2. Lee .. ..	Cottage Hospital .. .. .	4	2	2
	3. Lewisham .. ..	St. John's Hospital .. .. .	22	12	10
	4. Sydenham .. ..	Board of Works Hospital .. .. .	—	—	—
29.—WOOLWICH .. ..	1. Charlton .. ..	Home for Sick Children .. .. .	16	7	9
	3. Woolwich Arsenal ..	Cottage Hospital, Kidbrooke .. .. .	9	4	5
	4. Plumstead, West ..	Cottage Hospital .. .. .	10	3	7
	5. Plumstead, East ..	Convalescent Home .. .. .	—	—	—
		Crole-Wyndham Convalescent Home .. .. .	—	—	—

## HOSPITALS FOR SPECIAL DISEASES.

1a.—PADDINGTON ..	1. St. Mary, Paddington ..	Lock Hospital .. .. .	2	1	1
1b.—KENSINGTON ..	2. Brompton .. ..	Consumption Hospital, part of .. .. .	134	71	63
2.—FULHAM .. ..	2. St. Paul, Hammersmith ..	St. John's Hospital for Skin Diseases .. .. .	1	1	—
3.—CHELSEA .. ..	2. Chelsea, North .. ..	Consumption Hospital, part of .. .. .	97	73	24
		Cancer Hospital .. .. .	92	38	54
4. ST. GEORGE, HANOVER SQUARE.	2. Belgrave.. ..	Hospital for Women .. .. .	13	1	12
		Gordon Hospital for Fistula .. .. .	—	—	—
	3. St. John, Westminster ..	Grosvenor Hospital for Women and Children .. .. .	6	—	6
5.—WESTMINSTER ..	1. St. James, Westminster ..	Hospital for Diseases of the Throat .. .. .	—	—	—
	2. St. Anne, Soho .. ..	Hospital for Women .. .. .	16	—	16
		Hospital for Diseases of the Heart .. .. .	11	6	5
		Male Lock Hospital .. .. .	—	—	—
		St. John's Hospital for Diseases of the Skin .. .. .	—	—	—
6.—MARYLEBONE ..	1. All Souls.. ..	Royal Ear Hospital .. .. .	—	—	—
		West End Hospital for Paralysis .. .. .	2	1	1
		St. Agnes Hospital for Consumption .. .. .	—	—	—
		London Throat Hospital .. .. .	4	4	—
	3. St. Mary .. ..	Orthopaedic Hospital .. .. .	—	—	—
		Home for Consumptive Females .. .. .	6	—	6
	5. St. John .. ..	Western Ophthalmic Hospital .. .. .	1	1	—
7.—HAMPSTEAD ..	1. Hampstead .. ..	Hospital for Epilepsy and Paralysis .. .. .	1	—	—
8.—PANCRAS .. ..	1. Regent's Park .. ..	North London Consumption Hospital .. .. .	27	19	8
	2. Tottenham Court ..	St. Saviour's Hospital for Cancer .. .. .	3	—	3
		London Skin Hospital .. .. .	—	—	—
		Oxygen Home .. .. .	—	—	—
	3. Gray's Inn Lane ..	Metropolitan Ear, Nose, and Throat Hospital .. .. .	1	—	1
	4. Somers Town .. ..	Central London Throat and Ear Hospital .. .. .	6	5	1
		Hospital for Women .. .. .	12	—	12



**TABLE 23.—Deaths in Public Institutions registered during the 52 Weeks of 1898—continued.**

DISTRICT.	SUB-DISTRICT.	NAME OF INSTITUTION.	Deaths.		
			Persons.	Males.	Females.
9.—ISLINGTON ..	2. Islington, South West	London Fever Hospital† ..	8	3	5
12.—STRAND ..	1. St.Martin in the Fields	Royal Westminster Ophthalmic Hospital ..	2	1	1
13.—HOLBORN ..	2. Strand ..	St. Peter's Hospital for Stone ..	19	18	1
	1. Holborn ..	City Orthopædic Hospital ..	—	—	—
		National Hospital for Paralysis ..	46	25	21
		Alexandra Hospital for Hip Diseases ..	2	2	—
	5. City Road ..	St. Mark's Hospital for Fistula ..	4	3	1
		Royal Hospital for Diseases of the Chest ..	97	62	35
14.—LONDON CITY ..	5. Broad Street ..	Royal London Ophthalmic Hospital ..	2	1	1
16.—BETHNAL GREEN	3. Bethnal Green East ..	City of London Hospital for Diseases of the Chest ..	63	33	30
22.—ST. SAVIOUR, SOUTHWARK.	5. London Road ..	Royal South London Ophthalmic Hospital ..	—	—	—

**LYING-IN HOSPITALS.**

3.—CHELSEA ..	2. Chelsea, North ..	St. John the Divine Lying-in Hospital ..	{ Women	—	—	—
			{ Children	—	—	—
6.—MARYLEBONE ..	3. St. Mary ..	Queen Charlotte's Lying-in Hospital ..	{ Women	3	—	3
			{ Children	32	17	15
10.—HACKNEY ..	4. South West Hackney	Salvation Army Maternity Hospital ..	{ Women	2	—	2
			{ Children	10	5	5
11.—ST. GILES ..	2. St. Giles, South ..	British Lying-in Hospital ..	{ Women	—	—	—
			{ Children	12	9	3
13.—HOLBORN ..	5. City Road ..	City of London Lying-in Hospital ..	{ Women	1	—	1
			{ Children	16	9	7
20.—MILE END OLD TOWN.	1. Mile End Old Town Western.	East End Mothers' Home ..	{ Women	14	7	7
			{ Children	5	—	5
24.—LAMBETH ..	1. Waterloo Road ..	General Lying-in Hospital ..	{ Women	10	5	5
			{ Children	1	—	1
	4. Kennington, First ..	Clapham Maternity Hospital ..	{ Women	—	—	—
			{ Children	11	6	5

**MILITARY AND NAVAL HOSPITALS**

4.—ST. GEORGE, HANOVER SQUARE.	3. St. John, Westminster	Station Hospitals ..	22	22	—
27.—GREENWICH ..	5. Greenwich, East ..	Seamen's Hospital ..	125	118	7
29.—WOOLWICH ..	1. Charlton ..	Herbert Hospital ..	32	32	—
	3. Woolwich Arsenal ..	Garrison Female Hospital ..	3	1	2
		Royal Arsenal Infirmary ..	3	3	—
		Auxiliary Hospital ..	—	—	—

**HOSPITALS FOR FOREIGNERS.**

10.—HACKNEY ..	4. South West Hackney	German Hospital ..	116	79	37
11.—ST. GILES ..	3. St. Giles, North ..	French Hospital ..	40	27	13
13.—HOLBORN ..	1. Holborn ..	Italian Hospital ..	—	—	—

**LUNATIC ASYLUMS.\***

13.—HOLBORN ..	5. City Road ..	St. Luke's Hospital for Lunatics ..	16	10	6
15.—SHOREDITCH ..	1. Shoreditch, South ..	Hoxton House Lunatic Asylum ..	41	20	21
16.—BETHNAL GREEN	3. Bethnal Green, East ..	Bethnal House Lunatic Asylum ..	30	13	17
21.—POPLAR ..	1. Bow ..	Grove Hall Lunatic Asylum ..	57	39	18
22.—ST. SAVIOUR, SOUTHWARK.	5. London Road ..	Bethlem Royal Hospital for Lunatics ..	20	12	8
25.—WANDSWORTH ..	4. Wandsworth ..	Middlesex County Lunatic Asylum† ..	16	10	6
26.—CAMBERWELL ..	2. Camberwell ..	Camberwell House Lunatic Asylum ..	48	19	29
		Peckham House Lunatic Asylum ..	36	19	17
30.—EPSOM ..	1. Carshalton ..	London County Lunatic Asylum, Banstead† ..	190	112	78
37.—GODSTONE ..	1. Godstone ..	Metropolitan Asylum for Imbeciles, Caterham† ..	152	68	84
38.—CROYDON ..	1. Croydon ..	London County Lunatic Asylum, Cane Hill† ..	145	86	59
42.—DARTFORD ..	2. Dartford ..	Metropolitan Asylum for Imbeciles, Darenth† ..	73	43	30
		City of London Lunatic Asylum, Stone† ..	37	19	18
		London County Lunatic Asylum, Dartford Heath† ..	1	1	—
125.—UXERIDGE ..	3. Hayes ..	London County Lunatic Asylum, Hanwell† ..	237	116	121
128.—BARNET ..	3. Finchley ..	London County Lunatic Asylum, Colney Hatch† ..	209	88	121
137.—WATFORD ..	2. Watford ..	Metropolitan Asylum for Imbeciles, Leavesden† ..	197	92	105
189.—ROMFORD ..	2. Ilford ..	London County Lunatic Asylum, Claybury† ..	262	111	151

\* Private Lunatic Asylums are excluded from this list, except those in which pauper lunatics are received,† London residents only.

TABLE 24.—LONDON.—Weekly Deaths from the principal ZYMOTIC DISEASES during the **Four Fifty Years**

	SMALL-POX.				MEASLES.				SCARLET FEVER.				DIPHThERIA.			
	1895	1896	1897	1898	1895	1896	1897	1898	1895	1896	1897	1898	1895	1896	1897	1898
YEAR .. ..	55	9	16	1	2633	3697	1929	3075	829	942	780	583	2316	2683	2261	1772
March Quarter.. ..	10	5	12	—	300	1384	162	1494	141	264	166	182	426	683	641	534
June .. ..	3	3	2	—	565	1632	298	1078	166	197	151	154	446	566	428	367
Sept. .. ..	31	1	2	—	753	497	302	238	253	218	216	108	602	649	488	360
Dec. .. ..	11	—	—	1	1015	184	1167	265	269	263	247	139	842	785	704	511
Week.																
1 .. ..	—	—	—	—	34	91	12	130	14	28	21	19	50	66	71	50
2 .. ..	—	3	—	—	30	89	16	134	12	22	15	15	34	48	52	44
3 .. ..	1	—	1	—	35	102	14	130	9	25	14	17	31	59	63	33
4 .. ..	—	—	—	—	21	86	13	79	7	26	13	17	29	51	53	36
5 .. ..	2	—	—	—	13	50	9	80	11	19	14	12	45	61	46	42
6 .. ..	3	—	2	—	17	76	13	87	15	19	17	19	34	63	37	45
7 .. ..	1	—	1	—	27	91	8	100	18	23	11	9	27	45	40	33
8 .. ..	1	—	1	—	26	119	14	106	10	13	10	11	29	48	62	46
9 .. ..	1	—	6	—	20	128	13	115	7	20	8	8	31	48	43	38
10 .. ..	—	2	1	—	23	152	13	141	6	15	13	8	34	46	53	33
11 .. ..	1	—	—	—	12	137	9	134	4	21	7	10	27	45	37	36
12 .. ..	—	—	—	—	19	129	16	143	15	16	13	15	24	52	43	53
13 .. ..	—	—	—	—	23	134	12	115	13	17	10	22	31	51	41	45
14 .. ..	—	—	—	—	18	123	15	109	11	27	12	19	23	45	23	29
15 .. ..	—	—	—	—	25	158	27	117	15	10	8	12	27	45	30	34
16 .. ..	—	—	—	—	39	145	20	131	9	11	9	10	30	42	40	31
17 .. ..	—	—	—	—	26	170	23	107	9	13	13	13	27	41	40	39
18 .. ..	1	2	—	—	39	152	20	99	13	10	10	10	29	36	27	27
19 .. ..	—	—	—	—	34	138	20	76	11	11	17	11	38	41	42	20
20 .. ..	—	—	1	—	39	111	24	82	13	16	9	16	41	43	33	31
21 .. ..	—	—	—	—	32	120	18	74	10	12	9	6	37	56	36	27
22 .. ..	—	—	—	—	50	98	21	68	17	19	15	17	41	40	33	30
23 .. ..	—	—	1	—	36	115	18	74	17	13	14	10	33	51	39	23
24 .. ..	1	—	—	—	72	111	33	50	12	22	10	10	45	49	29	26
25 .. ..	—	—	—	—	71	107	34	43	11	18	14	8	37	40	24	21
26 .. ..	1	1	—	—	84	79	25	48	18	15	11	12	38	37	32	29
27 .. ..	3	1	—	—	73	81	26	29	12	15	18	8	53	43	43	27
28 .. ..	1	—	—	—	75	62	23	23	20	11	13	8	50	47	36	39
29 .. ..	—	—	—	—	82	52	22	22	23	20	20	8	39	55	42	29
30 .. ..	1	—	—	—	94	58	29	23	14	17	18	7	48	50	41	21
31 .. ..	1	—	1	—	67	59	31	14	24	24	12	8	57	43	42	30
32 .. ..	3	—	—	—	70	42	21	32	15	15	16	10	55	54	38	27
33 .. ..	1	—	—	—	62	45	26	18	21	23	19	17	50	59	29	26
34 .. ..	6	—	—	—	55	28	31	20	27	15	15	7	24	59	28	21
35 .. ..	4	—	—	—	56	19	14	11	21	16	11	5	40	32	35	19
36 .. ..	5	—	—	—	40	24	15	16	20	16	10	8	38	49	25	30
37 .. ..	2	—	—	—	28	12	17	8	19	18	26	3	55	48	35	29
38 .. ..	2	—	—	—	24	7	18	12	13	11	19	9	37	49	45	29
39 .. ..	2	—	—	—	27	8	29	10	24	17	19	10	56	61	49	23
40 .. ..	1	—	—	—	15	7	19	7	22	27	20	7	44	69	53	34
41 .. ..	2	—	—	—	34	14	41	9	25	24	18	7	56	52	45	41
42 .. ..	1	—	—	1	42	9	48	12	23	16	16	14	76	66	55	30
43 .. ..	1	—	—	—	48	10	58	19	19	15	22	10	61	57	65	46
44 .. ..	1	—	—	—	75	12	74	23	23	11	20	13	72	64	59	28
45 .. ..	1	—	—	—	97	19	78	19	19	18	20	17	75	53	46	31
46 .. ..	—	—	—	—	77	12	87	19	14	21	27	12	61	60	36	44
47 .. ..	—	—	—	—	103	11	120	24	27	20	26	7	69	59	63	35
48 .. ..	1	—	—	—	100	19	108	25	17	19	21	9	63	48	52	43
49 .. ..	1	—	—	—	105	17	122	22	19	26	18	11	69	60	58	43
50 .. ..	1	—	—	—	96	16	134	31	19	16	19	6	63	52	63	40
51 .. ..	—	—	—	—	126	15	112	24	25	19	9	14	62	58	56	46
52 .. ..	1	—	—	—	97	9	166	31	17	12	11	12	71	38	53	47
53 .. ..	—	—	—	—	—	14	—	—	—	19	—	—	—	49	—	—



Years 1895-1898; and the AVERAGE WEEKLY Numbers from these DISEASES during the 1848-1897.

WHOOPIING-COUGH.				FEVER.				DIARRHCEA.				WEEKLY AVERAGE in 50 Years, 1848-97.							YEAR.
1895	1896	1897	1898	1895	1896	1897	1898	1895	1896	1897	1898	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	
1483	2937	1842	2160	629	609	593	598	3600	3223	4104	4376	15	37	39	19	49	32	56	
511	979	543	817	135	142	127	107	166	129	179	131	18	34	32	18	68	32	14	March
448	1188	471	673	81	85	85	73	316	269	195	184	20	45	28	17	58	28	21	June
261	504	373	430	159	169	144	122	2655	2634	3510	3588	11	29	41	18	34	31	164	Sept.
263	266	455	240	254	213	237	296	463	201	220	473	12	38	56	23	35	37	25	Dec.
23	39	31	65	17	14	9	10	14	14	11	10	17	47	42	20	59	34	14	Week.
35	40	33	76	16	14	14	9	15	6	19	10	18	43	41	18	62	34	15	1
21	59	41	69	20	13	7	8	16	11	16	7	19	38	40	17	65	33	14	2
27	64	47	84	17	17	8	10	7	11	11	10	19	32	36	18	70	33	14	3
30	64	49	64	9	12	15	9	12	14	11	17	20	27	33	20	71	33	15	4
29	99	41	67	13	8	9	6	12	16	17	12	20	26	32	19	71	31	15	5
48	72	42	53	10	6	8	10	8	13	8	19	26	31	18	69	32	14	15	6
42	89	42	52	4	17	12	9	12	7	17	8	19	31	31	17	68	31	15	7
53	67	38	49	7	8	10	11	15	15	11	19	30	29	17	65	28	15	15	8
55	85	31	59	9	8	8	7	16	9	11	9	18	34	28	16	68	31	14	9
56	110	55	57	4	10	8	10	10	10	14	11	17	35	25	17	68	32	14	10
43	102	43	59	4	5	12	2	14	7	13	9	17	37	25	16	70	29	14	11
49	89	50	63	5	6	9	8	14	7	11	9	17	40	27	16	74	31	13	12
44	99	54	64	6	6	10	9	15	7	14	15	19	41	25	16	70	29	13	13
49	116	43	59	3	4	2	7	18	13	9	12	20	43	25	17	70	29	13	14
51	117	50	53	5	7	7	8	7	16	15	10	21	44	27	16	69	30	15	15
44	134	40	70	5	6	5	7	13	3	8	10	20	46	25	17	66	29	13	16
36	114	35	52	5	10	1	5	18	12	15	13	21	46	28	15	63	29	15	17
35	96	33	48	9	5	6	7	19	10	12	8	19	46	27	16	62	27	14	18
31	83	28	47	8	8	9	1	18	11	9	16	21	46	26	16	58	29	15	19
39	94	47	59	9	4	11	6	14	14	12	10	22	46	29	16	59	28	15	20
30	85	29	45	5	8	8	3	16	10	14	17	19	48	29	17	54	27	17	21
22	86	36	51	9	7	6	4	19	17	12	22	19	48	30	16	49	27	21	22
20	58	23	44	5	4	5	4	21	20	16	12	19	47	28	17	45	28	27	23
18	48	31	39	5	10	10	4	46	47	25	17	19	46	30	17	44	27	41	24
29	60	22	42	7	6	5	10	92	89	34	22	17	44	30	17	44	27	58	25
25	60	30	41	5	11	10	7	169	128	84	25	15	43	32	17	42	28	96	26
19	54	30	40	11	7	9	4	270	208	128	52	14	39	34	18	42	29	154	27
28	60	38	38	6	4	6	8	373	343	270	69	13	39	35	17	42	28	211	28
22	50	39	30	9	10	2	7	397	503	459	138	12	38	37	18	40	29	254	29
17	47	23	29	13	13	7	10	373	441	573	227	11	36	37	18	35	28	244	30
20	41	25	34	9	10	7	3	224	328	621	329	11	32	38	18	34	30	224	31
10	37	33	32	15	18	14	14	163	217	537	432	10	31	39	17	31	31	205	32
21	24	29	32	10	12	9	11	147	349	461	10	27	42	18	31	31	180	33	33
22	26	23	29	11	13	7	16	122	92	186	431	10	24	42	17	30	32	155	34
17	31	29	40	16	14	16	19	129	69	128	433	9	20	45	17	30	33	134	35
14	31	27	25	16	14	21	7	107	61	73	397	9	18	47	20	28	34	109	36
21	16	25	31	22	24	15	9	109	54	59	347	9	17	47	21	27	35	88	37
25	27	22	29	11	21	18	9	107	33	43	247	8	17	55	23	25	36	74	38
14	9	18	18	22	13	24	6	102	39	32	138	9	19	58	23	25	36	58	39
19	19	18	17	22	18	14	18	87	29	31	99	9	23	59	22	24	37	48	40
15	15	29	10	20	18	23	28	62	14	22	48	9	26	60	25	25	38	38	41
20	14	17	13	20	10	24	22	45	14	16	33	9	28	61	22	26	38	30	42
11	19	19	10	17	27	24	30	36	13	20	34	9	33	61	22	28	39	26	43
14	8	25	13	24	15	20	27	20	13	21	17	11	37	59	24	29	37	21	44
21	21	29	14	23	17	15	28	25	7	8	16	12	40	59	22	33	39	20	45
20	21	35	16	13	18	21	33	22	11	13	6	12	44	58	25	35	38	17	46
19	17	38	28	21	17	16	21	14	13	15	17	13	47	56	25	36	38	16	47
30	18	46	22	17	9	14	27	9	7	12	19	14	48	52	26	45	37	14	48
24	25	45	26	21	14	23	19	6	11	11	13	15	49	52	24	45	37	14	49
33	20	57	21	11	15	5	21	20	9	6	19	15	53	45	22	51	34	13	50
32	14	76	32	23	9	14	16	15	6	13	14	16	53	43	22	56	33	14	51
—	46	—	—	—	13	—	—	—	15	—	—	—	—	—	—	—	—	—	52

\* The weekly averages for scarlet fever and for diphtheria relate to the 38 years 1860-97.

TABLE 25.—Temperature at Greenwich; Population; Total Deaths, and Deaths at Seven groups of Ages, in London, in each Week of 1898.

POPULATION estimated to the middle of 1898 ..					4504766	116426	420096	1376972	1525700	776996	270016	18560
Number of Week.	WEEK ENDING	TEMPERATURE.			AGES AT DEATH.							
		Mean.	Highest Reading.	Lowest Reading.	ALL AGES.	Under 1 Year.	1—5	5—20	20—40	40—60	60—80	80 and upwards.
	YEAR (of 52 Weeks)	° 51·3	° 92·1	° 26·1	83936	22140	12044	4262	9955	15437	16363	3735
	First Quarter (13 Weeks).	41·5	60·0	26·1	24427	4869	4294	1143	2772	4547	5479	1323
	Second (13 Weeks). "	52·4	78·4	29·7	18444	4113	2943	1035	2400	3563	3656	734
	Third (13 Weeks). "	62·7	92·1	39·9	21761	8662	2546	958	2277	3346	3259	713
	Fourth (13 Weeks). "	48·5	69·2	28·6	19304	4496	2261	1126	2566	3981	3969	965
1	January 8	43·4	53·7	30·3	1990	345	361	90	231	389	472	102
2	" 15	41·8	49·2	32·0	1982	372	353	85	225	385	471	91
3	" 22	45·1	53·8	30·0	2021	404	367	76	203	366	490	115
4	" 29	42·4	46·8	32·7	1764	358	306	72	206	341	372	109
5	February 5	44·0	55·8	31·4	1861	385	298	82	204	335	438	109
6	" 12	43·0	52·1	32·1	1922	366	318	83	230	342	467	106
7	" 19	42·7	53·6	30·2	1856	392	318	75	221	334	423	93
8	" 26	37·6	48·2	26·1	1889	398	324	100	229	363	391	87
9	March 5	38·9	52·9	30·7	1805	384	302	88	218	334	379	90
10	" 12	37·7	47·0	29·5	1854	381	340	87	202	340	383	111
11	" 19	45·7	60·0	27·2	1869	367	311	83	206	360	425	117
12	" 26	37·5	52·1	28·0	1791	331	358	88	202	314	344	84
13	April 2	40·7	55·0	30·7	1883	366	338	84	198	344	424	109
14	April 9	49·3	67·2	32·6	1691	368	295	86	195	309	364	74
15	" 16	49·3	60·5	37·0	1648	377	285	76	186	290	362	72
16	" 23	46·4	64·1	33·1	1546	336	283	88	194	300	272	73
17	" 30	48·3	60·9	29·7	1485	346	265	80	181	283	274	56
18	May 7	51·9	68·0	41·3	1464	297	272	60	198	276	309	52
19	" 14	50·7	61·6	36·0	1356	288	206	71	200	268	259	64
20	" 21	49·0	61·9	38·1	1360	322	215	86	176	271	247	43
21	" 28	54·7	75·0	44·2	1385	339	202	83	167	246	293	55
22	June 4	51·9	65·6	40·0	1392	259	225	94	173	281	294	66
23	" 11	60·2	76·0	47·2	1411	294	200	83	192	288	302	52
24	" 18	55·2	78·4	46·7	1193	276	155	68	170	259	225	40
25	" 25	60·5	77·7	48·0	1257	306	167	74	187	244	228	51
26	July 2	59·3	75·3	46·9	1256	305	173	86	181	248	227	36
27	July 9	60·0	76·2	47·0	1232	301	142	63	171	281	223	51
28	" 16	61·9	82·0	46·5	1214	305	157	78	179	220	220	55
29	" 23	62·8	81·0	44·6	1330	385	152	79	152	249	254	59
30	" 30	61·0	79·0	49·3	1452	493	175	71	181	248	226	58
31	August 6	63·8	79·4	47·4	1586	592	198	85	158	262	238	53
32	" 13	61·9	87·5	48·0	1772	800	212	72	151	235	255	47
33	" 20	69·5	87·9	55·8	2019	915	233	61	172	283	295	60
34	" 27	65·4	92·0	50·0	1856	886	222	64	157	236	243	48
35	September 3	61·1	80·9	44·0	1898	887	203	83	189	259	226	51
36	" 10	70·4	92·1	56·1	2007	929	244	76	200	241	256	61
37	" 17	66·4	89·9	48·6	1832	786	211	64	178	270	269	54
38	" 24	57·2	74·6	40·0	1863	764	202	86	204	269	266	72
39	October 1	52·9	66·1	39·9	1700	619	195	76	185	293	288	44
40	October 8	56·1	69·2	37·9	1620	498	182	76	180	314	291	79
41	" 15	49·5	60·5	42·0	1600	415	180	95	204	324	307	75
42	" 22	55·3	64·8	47·0	1497	351	167	93	199	320	290	77
43	" 29	55·5	64·0	45·4	1411	349	169	82	178	282	287	64
44	November 5	49·8	60·3	38·0	1394	357	155	73	198	276	258	77
45	" 12	49·6	58·6	39·1	1405	328	158	76	191	293	299	60
46	" 19	48·0	55·8	35·6	1436	310	171	98	197	305	286	69
47	" 26	41·7	51·0	29·0	1439	320	157	95	186	287	302	80
48	December 3	49·4	67·8	30·0	1569	362	203	78	190	297	349	79
49	" 10	48·0	54·6	38·0	1447	289	166	77	196	320	351	68
50	" 17	40·1	55·2	36·4	1423	286	176	88	174	317	303	68
51	" 24	43·3	55·1	28·6	1470	292	189	100	213	292	316	79
52	" 31			29·0	1593	339	188	95	183	354	350	79



**TABLE 26.—Births and Deaths Registered in London, and Meteorology at Greenwich, in each Week of 1898.**

No. of Week.	Week ending.	BIRTHS.			DEATHS.			Mean Temperature of the Air.	Mean of the		Degree of Humidity (complete saturation = 100).	Fall of Rain in Inches.	Amount of Horizontal Movement of the Air in each Week.	Sun above Horizon in Hours.	Registered Sunshine in Hours.
		Total.	Males.	Femls.	Total.	Males.	Femls.		Highest Readings of the Thermometer.	Lowest Readings of the Thermometer.					
1	Jan. 8	3001	1509	1492	1990	973	1017	43°4	48°9	37°1	89	0°49	Miles, 1665	55°8	11°1
2	" 15	273	1382	1321	1982	997	985	41°8	44°6	37°6	85	0°00	1011	57°4	3°5
3	" 22	2631	1322	1309	2021	1043	978	45°1	48°1	40°9	91	0°12	2009	59°3	3°4
4	" 29	2639	1322	1317	1764	876	888	42°4	45°2	39°8	80	0°00	1469	61°5	2°2
5	Feb. 5	2603	1306	1297	1861	939	922	44°0	49°4	39°6	79	0°28	3857	64°1	10°2
6	" 12	2843	1488	1355	1922	954	968	43°0	48°3	37°8	81	0°20	2403	67°2	7°0
7	" 19	2527	1244	1283	1856	918	938	42°7	47°6	38°3	80	0°35	2646	70°0	9°4
8	" 26	2644	1345	1299	1889	942	947	37°6	44°8	31°4	76	0°21	2221	73°3	25°8
9	March 5	2585	1356	1229	1805	925	880	38°9	46°2	33°5	81	0°59	2566	76°3	15°1
10	" 12	2736	1362	1374	1854	946	908	37°7	43°9	32°3	76	0°01	2306	79°4	18°0
11	" 19	2576	1332	1244	1869	934	935	45°7	52°6	38°6	78	0°25	2363	82°8	13°3
12	" 26	2218	1123	1095	1731	873	858	37°5	44°8	31°5	84	0°56	2989	86°2	16°5
13	April 2	2860	1456	1402	1883	948	935	40°7	48°3	34°4	79	0°15	1401	89°2	28°9
14	" 9	2415	1230	1185	1691	881	810	49°3	59°3	40°6	67	0°13	2305	92°6	47°8
15	" 16	2623	1336	1287	1648	863	785	49°3	57°4	42°2	72	0°31	2664	95°7	25°8
16	" 23	2769	1425	1344	1546	805	741	46°4	56°8	37°6	73	0°00	1496	98°8	46°4
17	" 30	2522	1260	1262	1485	778	707	48°3	57°5	40°4	81	0°49	1604	101°8	23°9
18	May 7	2449	1232	1217	1464	761	703	51°9	59°9	44°8	75	0°58	2288	104°8	36°6
19	" 14	2425	1252	1173	1356	730	626	50°7	59°0	44°7	76	0°54	2173	107°3	30°8
20	" 21	2285	1155	1130	1360	705	655	49°0	56°7	42°8	82	0°78	1912	109°5	32°2
21	" 28	2569	1327	1242	1385	697	688	54°7	64°8	46°7	76	0°40	1250	111°9	37°0
22	June 4	2199	1140	1059	1392	756	636	51°9	61°2	44°6	76	0°61	2211	113°8	26°4
23	" 11	2646	1385	1261	1411	732	679	60°2	70°6	50°8	78	0°32	1678	115°1	41°1
24	" 18	2532	1261	1271	1193	629	564	55°2	63°5	48°3	76	0°01	1987	115°7	32°3
25	" 25	2385	1247	1138	1257	654	603	60°5	70°5	53°1	74	0°47	2242	116°0	39°3
26	July 2	2475	1200	1275	1256	661	595	59°3	69°3	51°6	75	0°84	1790	115°5	45°6
27	" 9	2502	1235	1267	1232	622	610	60°0	70°1	52°0	71	0°00	1775	114°8	40°4
28	" 16	2502	1255	1247	1214	649	565	61°9	73°4	50°9	68	0°02	1595	113°3	52°0
29	" 23	2505	1256	1249	1330	713	617	62°8	74°2	54°2	74	0°45	1816	111°3	36°1
30	" 30	2696	1381	1315	1452	777	675	61°0	70°4	54°1	76	0°72	1410	109°3	25°6
31	August 6	2335	1171	1164	1586	852	734	63°8	75°9	52°7	69	0°06	2401	106°6	58°4
32	" 13	2807	1391	1416	1772	932	840	61°9	72°2	53°6	76	0°56	1743	104°1	35°6
33	" 20	2489	1280	1209	2019	1025	994	69°5	82°1	59°3	69	0°03	1642	101°2	61°0
34	" 27	2551	1283	1268	1856	985	871	65°4	76°8	55°8	73	0°14	1739	97°9	45°1
35	Sept. 3	2650	1371	1279	1898	977	921	61°1	73°2	50°5	67	0°08	2276	95°2	60°7
36	" 10	2446	1222	1224	2007	1049	958	70°4	83°6	60°0	68	0°00	1310	92°1	59°7
37	" 17	2499	1266	1233	1832	972	860	66°4	79°5	55°1	64	0°02	1446	88°9	56°8
38	" 24	2574	1323	1251	1863	1001	862	57°2	68°7	47°1	75	0°12	1566	85°6	33°8
39	Oct. 1	2614	1299	1315	1700	930	770	52°9	63°8	42°5	72	0°16	1481	82°4	42°4
40	" 8	2554	1277	1277	1620	814	806	56°1	62°4	50°1	82	0°02	1608	79°1	18°3
41	" 15	2454	1219	1235	1600	812	788	49°5	55°1	44°5	86	0°42	1239	75°8	12°5
42	" 22	2468	1248	1220	1497	795	702	55°3	60°0	50°8	87	1°42	1961	72°8	10°9
43	" 29	2652	1369	1283	1411	725	686	55°5	61°0	50°6	82	1°03	2104	69°8	22°2
44	Nov. 5	2530	1275	1255	1394	713	681	49°8	56°5	43°0	79	0°52	2887	66°8	28°7
45	" 12	2696	1348	1348	1405	768	637	49°6	56°0	44°0	93	0°02	1004	63°9	27°2
46	" 19	2585	1303	1282	1436	728	708	48°0	52°5	43°1	89	0°02	1205	61°4	10°7
47	" 26	2155	1082	1073	1439	719	720	41°7	45°2	37°3	90	1°88	1781	59°0	7°0
48	Dec. 3	2575	1358	1217	1659	797	772	44°1	47°6	39°5	85	0°26	2656	57°1	5°6
49	" 10	2577	1306	1271	1447	755	692	49°4	52°7	45°1	83	1°34	3115	55°6	6°7
50	" 17	2519	1309	1210	1493	734	689	48°0	51°9	43°0	86	0°00	2339	54°7	0°8
51	" 24	2422	1232	1190	1470	774	696	40°1	45°3	34°6	80	0°02	1787	54°6	12°9
52	" 31	2215	1154	1061	1593	828	765	43°3	48°1	36°8	84	0°61	3016	54°7	14°0

TABLE 27.—Greenwich Meteorological Elements for the Year 1898. By J. GLAISHER, Esq., F.R.S.

1898 MONTHS.	Mean Reading of the Barometer.	TEMPERATURE OF THE AIR.						Departure from Average of 127 Years, 1771-1897.	Mean Temperature of the Dew Point.	Mean Elastic Force of Vapour.	Weight of Vapour in a Cubic Foot of Air.	Mean Additional Weight required for Saturation.	Mean Degree of Humidity, Saturation=100.	Mean Weight of a Cubic Foot of Air.	RELATIVE PROPORTION OF WIND.				Mean Amount of Cloud.	RAIN.	
		Highest by Day.	Lowest by Night.	Range in Month.	Mean of all Highest.	Mean of all Lowest.	Mean Daily Range.	Mean for the Month.							N.	E.	S.	W.		Number of Days it fell.	Amount collected.
January	ins. 30.151	54.5	30.0	24.5	47.1	38.3	7.8	43.6	39.5	.242	8.5	0.5	85	355	3	4	11	13	8.1	8	ins. 0.65
February	..	55.8	26.1	29.7	46.9	36.0	10.9	41.2	35.1	.204	2.4	0.6	79	551	6	1	5	16	7.2	12	1.19
March ..	..	60.0	27.2	32.8	46.8	34.0	12.8	39.8	34.0	.196	2.3	0.6	80	551	9	8	5	9	6.8	14	1.40
April ..	..	67.2	29.7	37.5	57.4	39.8	17.6	48.0	39.7	.244	2.8	1.0	73	544	4	9	9	8	5.7	10	0.83
May ..	..	75.0	36.0	39.0	60.2	44.9	15.3	51.7	44.6	.295	3.4	1.0	77	537	9	6	9	7	7.3	22	2.64
June ..	..	78.4	40.0	38.4	67.3	49.8	17.5	57.6	50.0	.361	4.0	1.3	76	533	10	3	7	10	7.0	11	1.75
July ..	..	82.0	44.6	37.4	72.3	52.7	19.6	61.5	51.9	.386	4.3	1.8	72	531	12	5	4	10	6.5	9	1.34
August ..	..	90.0	48.0	42.0	75.9	55.2	20.7	64.6	55.0	.433	4.8	1.9	71	526	6	6	8	11	4.9	11	0.86
September	..	92.1	39.9	52.2	74.5	51.3	23.2	62.1	51.4	.379	4.2	2.0	68	530	6	8	9	7	3.3	5	0.31
October ..	..	69.2	37.9	31.3	59.6	48.4	11.2	53.8	48.6	.343	3.9	0.8	83	535	4	10	10	7	7.0	17	3.15
November	..	60.3	29.0	31.3	51.0	40.5	10.5	45.9	42.7	.274	3.1	0.4	89	544	4	9	10	7	6.5	13	2.41
December	..	57.8	28.6	29.2	49.9	40.7	9.2	45.8	40.8	.255	2.9	0.6	84	548	4	1	13	13	6.8	10	2.22
Means	..	70.2	34.8	35.4	59.1	44.4	14.7	51.3	44.4	.301	3.4	1.0	78	540	77	70	100	118	6.4	142	18.85 Sum.



TABLE 28.—METEOROLOGICAL TABLE for LONDON, 1898.

(Deduced from Observations, at Greenwich, under the Superintendence of the Astronomer Royal, and compiled from Quarterly Tables, furnished to the Registrar-General by James Glaisher, Esq., F.R.S.)

Temperature of										Weight of Vapour in a Cubic Foot of Air.		Degree of Humidity.		Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.		Reading of Thermometer on Grass.							
Air.				Evaporation.		Dew Point.		Air—Daily Range.		Elastic Force of Vapour.		Degree of Humidity.		Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.		Number of Nights it was		Lowest Reading at Night.		Highest Reading at Night.			
Mean.		Diff. from Average of 127 Years.		Diff. from Average of 67 Years.		Mean.		Diff. from Average of 67 Years.		Mean.		Diff. from Average of 67 Years.		Mean.		Diff. from Average of 67 Years.		Mean.		Diff. from Average of 67 Years.		At or below 30°.		Between 30° and 40°.		Above 40°.	
°	′	°	′	°	′	°	′	°	′	°	′	°	′	°	′	°	′	°	′	°	′	°	′	°	′	°	′
51.3	+2.6	+2.0	47.8	+1.4	44.4	+0.9	14.7	-1.4	.301	+0.008	3.4	+0.1	78	-4	29.816	+0.040	540	-1	18.85	-6.07	64	114	187	18.1	60.9	°	′
41.5	+2.6	+1.8	39.2	+1.3	36.2	+1.0	10.5	-1.3	.215	+0.008	2.5	+0.1	81	-3	29.875	+1.100	552	0	3.24	-1.71	40	39	11	22.2	44.9	°	′
52.4	0.0	-0.5	48.5	-0.6	44.8	-0.6	16.8	-3.2	.300	-0.006	3.4	0.0	75	-1	29.740	-0.045	538	0	5.32	-0.29	6	30	55	25.4	55.4	°	′
62.7	+3.0	+2.5	57.3	+1.0	52.8	-0.2	21.2	+1.5	.389	-0.004	4.4	-0.1	70	-7	29.903	+1.111	529	-1	2.51	-4.77	0	10	82	32.8	60.9	°	′
48.5	+4.8	+4.2	46.3	+3.9	44.0	+3.5	10.3	-1.4	.291	+0.085	3.3	+0.2	85	-4	29.748	-0.004	542	-4	7.78	+0.70	18	35	39	18.1	50.2	°	′
1898.																											
YEAR.																											
Winter Quarter..																											
Spring do. ..																											
Summer do. ..																											
Autumn do. ..																											

In this Table + and - respectively signify that the number in the preceding column is above or below the average to the amount of the quantities to which these signs are affixed.



TABLE 29.—Number of Services, and Average Daily Quantity of Water Delivered by the London Water Companies in each MONTH of 1898.

COMPANIES.	NUMBER OF SERVICES IN											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
<b>Total Services</b> .. .. .	853,772	854,913	856,797	858,455	860,278	861,711	861,546	865,200	867,371	869,014	870,631	871,909
FROM THAMES .. .. .	410,985	411,482	412,483	413,164	413,771	414,708	413,402	416,042	419,916	417,855	418,189	418,693
FROM LEA AND FROM OTHER SOURCES	442,777	443,431	444,314	445,291	446,507	447,003	448,144	449,158	450,455	451,159	452,442	453,216
FROM THAMES.												
CHELSEA .. .. .	37,820	37,843	37,887	37,905	37,887	37,926	35,974	38,003	38,049	38,085	38,028	38,065
WEST MIDDLESEX .. .. .	81,843	81,908	82,121	82,310	82,379	82,546	82,629	82,696	82,990	83,159	83,245	83,390
SOUTHWARK AND VAUXHALL .. .. .	121,184	121,277	121,421	121,528	121,625	121,819	121,819	121,925	121,991	122,069	122,140	122,191
GRAND JUNCTION .. .. .	61,917	61,987	62,116	62,289	62,444	62,614	62,766	62,917	63,067	63,277	63,411	63,521
LAMBETH .. .. .	108,231	108,457	108,938	109,152	109,456	109,877	110,214	110,501	110,819	111,065	111,367	111,526
FROM LEA AND FROM OTHER SOURCES.												
NEW RIVER .. .. .	163,346	163,379	163,480	163,781	164,171	164,354	164,678	164,929	165,168	165,342	165,426	165,534
EAST LONDON .. .. .	192,839	193,286	193,887	194,328	194,871	194,871	195,360	195,884	196,607	197,176	197,652	197,965
KENT .. .. .	86,592	86,756	86,947	87,182	87,465	87,778	88,108	88,335	88,682	88,841	88,964	89,717
AVERAGE DAILY SUPPLY OF WATER IN GALLONS DURING THE MONTHS OF												
COMPANIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
<b>Total Quantities supplied</b> .. .. .	195,003,649	192,480,452	191,352,836	199,881,171	205,403,094	215,691,559	229,871,530	224,713,135	221,831,585	203,746,355	194,206,759	191,717,971
FROM THAMES .. .. .	103,255,507	102,880,950	102,094,450	105,831,751	107,700,025	114,516,958	124,250,380	122,399,328	126,442,013	114,053,048	105,435,428	102,367,118
FROM LEA AND FROM OTHER SOURCES	91,748,142	89,619,502	89,258,386	94,049,420	97,703,068	101,174,601	105,621,170	102,313,807	95,389,572	89,693,307	88,771,331	89,350,853
FROM THAMES.												
CHELSEA .. .. .	10,954,100	10,820,125	10,956,631	11,401,435	11,731,497	12,358,121	13,225,278	12,530,760	12,673,270	12,078,842	12,026,870	11,419,640
WEST MIDDLESEX .. .. .	19,915,704	19,598,378	19,600,037	20,208,492	21,221,312	23,124,933	23,917,011	23,870,405	23,504,445	21,372,626	20,606,673	20,095,537
SOUTHWARK AND VAUXHALL .. .. .	31,766,695	31,720,503	31,584,403	31,791,240	30,831,163	33,324,403	36,931,031	35,928,092	36,331,552	32,276,124	30,061,358	30,288,167
GRAND JUNCTION .. .. .	19,107,079	19,101,989	18,283,667	18,744,284	19,438,901	20,540,434	22,847,111	21,686,023	22,041,429	19,992,256	17,987,157	17,974,880
LAMBETH .. .. .	21,511,929	21,619,600	21,669,842	23,686,300	24,477,152	25,169,067	27,529,929	29,380,048	31,891,317	28,333,200	24,753,370	22,588,894
FROM LEA AND FROM OTHER SOURCES.												
NEW RIVER .. .. .	33,733,359	33,375,605	32,693,727	34,420,031	37,744,918	38,403,963	42,694,436	42,971,423	43,449,144	38,967,509	37,074,632	35,212,278
EAST LONDON .. .. .	43,101,536	41,414,785	41,597,143	43,973,735	44,355,607	45,766,743	47,959,166	40,656,000	33,149,000	34,202,000	35,905,000	38,308,963
KENT .. .. .	14,913,247	14,829,112	14,967,386	15,655,654	15,602,544	17,003,885	17,867,568	18,686,354	18,791,428	16,523,798	15,791,399	15,829,582

Note.—The quantities of water in the above Table include the supply for various purposes other than for domestic consumption.



TABLE 30.—Average Number of Services, and Average Daily Quantity of Water DELIVERED for ALL PURPOSES and for DOMESTIC PURPOSES, by the London Water Companies during 1898.

WATER COMPANIES.	AVERAGE NUMBER of SERVICES during the Year.	AVERAGE DAILY SUPPLY OF WATER DURING THE YEAR.				
		Delivered.		Used for Domestic purposes.†		
		Gallons.	Cubic Metres.*	Gallons.	Gallons per Service.	
					1897.	1898.
<b>Total .. .. .</b>	862,633	205,491,675	933,642	168,503,173	200	195
FROM THAMES .. .. .	414,792	110,933,922	504,023	90,965,816	220	219
FROM LEA AND FROM OTHER SOURCES ..	447,841	94,557,753	429,619	77,537,357	181	173
FROM THAMES.						
CHELSEA .. .. .	37,788	11,848,047	53,831	9,715,398	268	257
WEST MIDDLESEX .. .. .	82,601	21,336,379	96,941	17,495,831	205	212
SOUTHWARK AND VAUXHALL .. .. .	121,743	32,736,257	148,736	26,843,731	229	220
GRAND JUNCTION .. .. .	62,693	19,795,768	89,941	16,232,530	260	259
LAMBETH .. .. .	109,967	25,217,471	114,574	20,678,326	182	188
FROM LEA AND FROM OTHER SOURCES.						
NEW RIVER .. .. .	164,465	37,561,777	170,660	30,800,657	182	187
EAST LONDON .. .. .	195,395	40,615,809	184,536	33,304,963	190	170
KENT .. .. .	87,981	16,380,167	74,423	13,431,737	160	153
Columns .. .. .	1.	2.	3.	4.	5.	6.

\* A cubic metre is equal in volume to 35·3 cubic feet, or to 220·09668 imperial gallons. It is nearly equivalent to the old English *tin* of four hogsheads, holding 35·248 cubic feet. It is in general use on the Continent; and its volume of water weighs a metric *ton*, differing inconsiderably in weight from the *ton* in common use. It is equal to 100 decalitres: thus a decalitre equals 2·2009668 gallons.

† According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that during the year 1866 about 82 per cent. of the total supply of water for all purposes was for domestic use; this proportion has been applied in estimating the quantities in columns 4, 5, and 6, showing the gallons probably used for domestic purposes. The average daily quantity of water supplied by the London Companies during the year 1898 was 205,491,675 gallons (933,642 cubic metres, equal to about as many *tuns* by measure, *tons* by weight), of which about 168,503,173 gallons (765,587 cubic metres) were probably used for domestic purposes. The average quantity used daily for domestic purposes to each service (see col. 6) is equal to 88·6 decalitres, and, assuming 7·0 persons to each service, corresponds to 27·9 gallons (12·7 decalitres) to each person. The Returns of the Water Companies include services to uninhabited houses.

## FIRES IN LONDON DURING THE YEAR 1898.

The Chief Officer of the Metropolitan Fire Brigade reported to the London County Council that the number of fires attended during 1898 was 3585, being 85 more than the number in the preceding year, and exceeding by 571 the average in the ten years 1888-97. According to this report the lives of 225 persons were seriously endangered, and 98 of these were lost. The numbers of lives lost by fires in London in the four preceding years were 82, 91, 106, and 87 respectively.

The staff of the Metropolitan Fire Brigade at the end of the year was distributed at 61 land engine stations, 4 floating stations, 1 sub-station, and 17 street stations; there were also 31 horsed escape, 46 hose cart, 9 hose and ladder truck, and 137 fire-escape duties. The number of fire engines at these stations was 114, a decrease of 23 from the number in the previous year; 8 were floating steam engines, 60 land steam engines, and 46 manual engines. The authorised strength of the brigade included 911 firemen of all ranks. The cases of injury occurring in the brigade during the year were 148, against 106, 110, and 111 in the three preceding years.

**Number of Fires and of False Alarms attended during the Eleven Years 1888-98, and in each Month of 1898.**

YEARS AND MONTHS.				TOTAL CALLS.	FALSE ALARMS AND CHIMNEYS.	FIRES.				
						Serious.	Slight.	Total.	Per-centages.	
									Serious.	Slight.
1888..	..	..	..	2693	705	121	1867	1988	6'1	93'9
1889..	..	..	..	3131	793	153	2185	2338	6'5	93'5
1890..	..	..	..	3546	991	153	2402	2555	6'0	94'0
1891..	..	..	..	4164	1272	193	2699	2892	6'7	93'3
1892..	..	..	..	4449	1303	177	2969	3146	5'6	94'4
1893..	..	..	..	4824	1414	180	3230	3410	5'3	94'7
1894..	..	..	..	4111	1050	151	2910	3061	4'9	95'1
1895..	..	..	..	4845	1212	142	3491	3633	3'9	96'1
1896..	..	..	..	4878	1262	122	3494	3616	3'4	96'6
1897..	..	..	..	4652	1152	168	3332	3500	4'8	95'2
1898	..	..	..	4654	1069	205	3380	3585	5'7	94'3
1898.	January	..	..	399	93	17	289	306	5'6	94'4
	February	..	..	365	73	21	271	292	7'2	92'8
	March	..	..	412	119	16	277	293	5'5	94'5
	April	..	..	387	89	18	280	298	6'0	94'0
	May	..	..	340	98	11	231	242	4'6	95'4
	June	..	..	321	70	13	238	251	5'2	94'8
	July	..	..	432	97	27	308	335	8'1	91'9
	August	..	..	459	97	19	343	362	5'3	94'7
	September	..	..	461	95	14	352	366	3'8	96'2
	October	..	..	353	78	19	258	277	6'9	93'1
	November	..	..	307	73	16	218	234	6'8	93'2
	December	..	..	418	89	14	315	329	4'3	95'7